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The Commonwealth of Massachusetts

1927

ASSESSMENTS

FOR

INTEREST, SINKING FUNDS,  
SERIAL BONDS AND MAINTENANCE

OF THE

METROPOLITAN<sup>1</sup> DISTRICTS

*Trans. : Treasury Dept.*

ISSUED BY THE  
TREASURER AND RECEIVER-GENERAL



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# THE COMMONWEALTH OF MASSACHUSETTS

TREASURY DEPARTMENT, Sept. 1, 1927.

Under the provisions of section 11 of chapter 10 of the General Laws the following computations for annual assessments for interest, sinking funds, serial bond payments and maintenance for 1927, to be paid by the cities and towns comprising the Metropolitan Districts, are compiled and printed as a public document and herewith submitted.

No bonds on account of the Metropolitan District were issued during the past year.

Under chapter 375 of the Acts of 1926 and chapters 111 and 321 of the Acts of 1927 bonds were authorized to the amount of \$64,900,000 to provide for financing the Ware River, Sudbury River and Swift River water supply projects, the said bonds to be a part of the Metropolitan Additional Water Loan, so-called.

Owing to the fact that the expenses incurred to date have not been heavy, and the fact that the city of Worcester paid into the Treasury of the Commonwealth on July 1, 1927, the sum of \$1,000,000 under section 12 of chapter 375 of the Acts of 1926, it has not been necessary to date to issue any bonds on account of said Additional Water Loan.

The following sections of chapter 92 of the General Laws show the manner of computing the proportions in which the cities and towns of the several metropolitan districts shall annually pay money into the treasury of the Commonwealth to meet the assessments against said districts:—

## *Metropolitan Sewer.*

SECTION 5. The proportions in which each of the towns belonging in whole or in part to the north metropolitan and south metropolitan sewerage districts, respectively, shall annually pay money to the commonwealth to meet interest and sinking fund requirements for each year, as estimated by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him, shall be based upon the respective taxable valuations of the property of said towns, as last established by the general court as a basis of apportionment for state and county taxes.

SECTION 6. The proportions in which each of the towns belonging in whole or in part to either sewerage district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance and operation of the respective sewerage systems, as estimated by the commission and certified by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him, shall be based upon the respective populations of said towns as ascertained by the last preceding state or national census. If less than the whole area of any town is included in either of said metropolitan sewerage systems, the valuation and population only of that part of the town included in either of said systems, as determined by the commission, shall be used as a basis in determining the proportion and amount which it shall pay as its share of interest and sinking fund requirements and of the cost of maintenance and operation of works as required by this and the preceding section.

SECTION 7. The commission shall annually, in accordance with the two preceding sections, determine for each system the proportion in which each of the towns belonging in whole or in part to such system, shall annually pay money to the commonwealth to meet interest and sinking fund requirements and the cost of maintenance and operation of such system, and shall transmit its determinations to the state treasurer.

## *Metropolitan Water.*

SECTION 26. The state treasurer, for the purpose of making the apportionment to the towns in the metropolitan water district of the amount required in each year to pay the interest, sinking fund requirements and expenses of maintenance and operation of the metropolitan water system, shall, in each year, apportion such amount to the towns in said district, one third in proportion to their valuations for the preceding year and the remaining two thirds in propor-

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tion to their consumption, in said year, of water received from all sources of supply as determined by the commission and certified to said treasurer; provided, that there shall be included in reckoning such proportion only one fifth of the total valuation, and nothing for consumption of water, for any town which has not reached the safe capacity of its present sources of supply or of the sources of supply of the water company by which it is supplied, determined as aforesaid, or which has not made application to said commission for water; and provided, further, that any town assessed upon its full valuation which obtains a part of its water supply from its own works or receives a supply from a water company shall be allowed and credited in its apportionment with a sum equal to twelve dollars for each million gallons of water furnished as aforesaid, as determined by said commission and certified to said treasurer. The state treasurer shall annually notify each town of the amount of its assessment, and the same shall be paid by the town to the commonwealth at the time required for the payment of and as part of its state tax. . . .

*Metropolitan Parks.*

SECTION 54. The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles river basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles river basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

SECTION 55. The proportion in which each town of said district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance of reservations, exclusive of Nantasket beach reservation and the Charles river basin, and any deficiency in the amounts previously paid in, as found by said treasurer, shall be apportioned according to the average percentage of valuation and population, determined as to any town by adding together the percentage which the valuation of the same bears to the total valuation of the towns of the district and the percentage which the population of the same bears to the total population of the towns of the district, and dividing this sum by two.

SECTION 56. (As amended by chapter 288 of the Acts of 1925.) The proportion in which each town of the metropolitan parks district, including Cohasset with respect to the maintenance of Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance of said reservation and the Charles river basin and one half the cost of maintenance of boulevards and any deficiency in the amounts previously paid in, as found by said treasurer, shall be based upon the respective taxable valuations of the property of said towns. The remaining half of the cost of maintenance of boulevards shall be annually appropriated by the general court from the Highway Fund.

SECTION 57. The commission shall annually, in accordance with the provisions of the three preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance of reservations and boulevards, and shall transmit the determination of the commission to the state treasurer.

SECTION 58. The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and the deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid



by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury at the time required for the payment of its proportion of the state tax.

SECTION 59. For the purposes of the five preceding sections, the words "taxable valuations of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the general court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the latest census, state or national, next prior to such apportionment.

WILLIAM S. YOUNGMAN,  
Treasurer and Receiver-General.

*Total Assessments for Metropolitan Districts for 1927.*

CITIES AND TOWNS	Metropolitan Water	Metropolitan Parks and Boulevards	Metropolitan Sewerage, North and South Systems	Charles River Basin	Total
Arlington . . .	\$41,904 09	\$32,292 46	\$36,614 27n	\$3,485 56	\$114,296 38
Belmont . . .	27,608 52	19,626 89	22,072 00n {122,168 39n}	2,087 35	71,394 76
Boston . . .	2,155,183 41	1,663,799 39	{352,757 07s}	209,719 44	4,503,632 70
Braintree . . .	—	14,619 73	—	1,630 35	16,250 08
Brookline . . .	122,553 11	96,597 52	98,203 00s	12,445 77	329,799 40
Cambridge . . .	—	266,989 42	177,469 03n	42,801 58	487,260 03
Canton . . .	—	7,163 19	—	820 19	7,983 38
Chelsea . . .	75,053 69	47,216 46	58,643 25n	5,090 96	186,004 36
Cohasset . . .	—	271 49	—	—	271 49
Dedham . . .	—	15,844 51	16,181 47s	1,781 23	33,807 21
Dover . . .	—	2,404 34	—	310 47	2,714 81
Everett . . .	105,059 21	47,258 86	59,062 98n	5,291 79	216,672 84
Hingham . . .	—	9,127 89	—	1,096 13	10,224 02
Hull . . .	—	11,697 30	—	1,601 75	13,299 05
Lexington . . .	13,979 81	—	9,115 72n	—	23,095 53
Lynn . . .	—	105,932 67	—	11,531 68	117,464 35
Malden . . .	73,180 14	52,934 49	63,172 41n	5,207 68	194,494 72
Medford . . .	64,485 86	50,215 20	57,070 05n	4,843 10	176,614 21
Melrose . . .	33,535 57	22,495 67	27,452 61n	2,513 74	85,997 59
Milton . . .	22,322 99	20,183 62	20,969 02s	2,452 17	65,927 80
Nahant . . .	4,634 41	3,789 54	—	489 92	8,913 87
Needham . . .	—	12,509 91	24,266 20s	1,482 04	38,258 15
Newton . . .	9,888 00	86,353 65	89,506 56s	10,567 42	196,315 63
Quincy . . .	121,032 81	199,334 71	78,328 20s	8,489 91	407,185 63
Reading . . .	—	—	12,362 71n	—	12,362 71
Revere . . .	50,464 56	30,710 46	38,681 92n	3,216 05	123,072 99
Saugus . . .	—	9,836 29	—	951 46	10,787 75
Somerville . . .	164,205 30	95,587 59	115,232 69n	9,581 95	384,607 53
Stoneham . . .	12,971 22	9,323 75	10,822 64n	909 89	34,027 50
Swampscott . . .	19,354 70	14,388 23	—	1,756 16	35,499 09
Wakefield . . .	—	16,703 00	20,498 79n	1,842 43	39,044 22
Waltham . . .	—	41,208 04	43,853 84s	4,687 19	89,729 07
Watertown . . .	48,571 85	32,880 16	34,724 91s	3,824 35	120,001 27
Wellesley . . .	—	20,484 24	20,822 63s	2,639 29	43,946 16
Weston . . .	—	5,750 81	—	727 22	6,478 03
Westwood . . .	—	2,831 81	—	347 74	3,179 55
Weymouth . . .	—	18,296 76	—	2,012 50	20,309 28
Winchester . . .	—	18,773 61	21,774 84n	2,295 82	42,844 27
Winthrop . . .	25,862 65	17,127 10	21,044 24n	1,883 54	65,917 53
Woburn . . .	—	17,449 63	21,879 80n	1,847 24	41,176 67
	\$3,191,856 90 <sup>1</sup>	\$3,140,010 41 <sup>2</sup>	\$1,674,731 24 <sup>3</sup>	\$374,263 06 <sup>4</sup>	\$8,380,861 61

n North System.

s South System.

<sup>1</sup> Includes \$70.00 for water furnished by the town of Arlington to the town of Winchester, and \$50.00 for water furnished by the city of Quincy to the town of Braintree.

<sup>2</sup> Includes \$47,457.12 special assessments for Alewife Brook, Neponset Bridge and Wellington Bridge; \$27,526.58, Division of Metropolitan Planning; \$280,714.08 cost of construction of River Street-Brighton Street Bridge and \$486,943.08 on account of cost of construction of Southern Traffic Route.

<sup>3</sup> Includes \$3,003.33 special assessment on Everett and Malden and \$11,103.38 special assessment on Needham.

<sup>4</sup> Includes \$51,631.25 special assessments on Boston and Cambridge, and \$9,177.88 embankment interest on Boston.

*Special Metropolitan Districts Assessments for 1927.*

CITIES AND TOWNS	Alewife Brook	Neponset Bridge, Serial Bonds and Interest	Wellington Bridge, Maintenance Note and Interest	Metropolitan Sewerage	Charles River Basin Bridge, Sinking Fund and Interest	Charles River Embankment, Interest	Construction of River Street-Brighton Street Bridge	Southern Traffic Route	Metropolitan Water	Total
Arlington	\$1,880 30	—	—	—	—	—	—	—	\$70 00 <sup>8</sup>	\$1,950 30
Belmont	1,331 88	—	—	—	—	—	—	—	—	1,331 88
Boston	—	—	—	—	—	—	—	—	—	296,006 15
Cambridge	3,682 25	\$15,652 64	—	—	\$25,815 63	\$9,177 88	\$115,588 51	\$129,771 49	—	145,086 38
Everett	—	—	—	—	25,815 62	—	115,588 51	—	—	1,501 86
Malden	—	—	—	\$1,501 66n <sup>4</sup>	—	—	—	—	—	5,242 73
Medford	—	—	\$3,741 06	1,501 67n <sup>4</sup>	—	—	—	—	—	4,604 39
Needham	—	—	4,604 39	—	—	—	—	—	—	11,103 38
Quincy	—	—	—	11,103 38s <sup>5</sup>	—	—	—	—	—	125,489 52
Somerville	940 15	11,739 47	—	—	—	—	—	113,700 05	50 00 <sup>9</sup>	4,105 68
Stoneham	—	—	3,165 53	—	—	—	—	—	—	719 45
	—	—	719 45	—	—	—	—	—	—	—
	\$7,834 58 <sup>1</sup>	\$27,392 11 <sup>2</sup>	\$12,230 43 <sup>3</sup>	\$14,106 71	\$51,631 25	\$9,177 88	\$231,177 02 <sup>6</sup>	\$243,471 54 <sup>7</sup>	\$120 00	\$597,141 52

<sup>1</sup> Seventeenth assessment under Chapter 529, Acts of 1907 (total assessments, 20) and fourteenth assessment under Chapter 458, Acts of 1911 (total assessments, 20).  
<sup>2</sup> Twelfth assessment under Chapter 300, General Acts of 1915 (total assessments, 18) and fifth assessment under Chapter 220, General Acts of 1917 and Chapter 380, Acts of 1922 (total assessments, 20).

<sup>3</sup> Twelfth assessment under Chapter 295, General Acts of 1916; and note issued under section 1 of Chapter 397, Acts of 1926, and interest thereon.

<sup>4</sup> Sixteenth assessment under Chapter 512, Acts of 1911 (total assessments, 29).

<sup>5</sup> First assessment under Chapter 59, Acts of 1924 (total assessments, 5).

<sup>6</sup> See page 21 for details.

<sup>7</sup> See page 22 for details.

<sup>8</sup> See Chapter 308, Acts of 1924.

<sup>9</sup> See Chapter 140, Acts of 1925.

*Assessments on Counties and Street Railways for 1927.*

	Neponset Bridge, Serial Bonds and Interest	River Street- Brighton Street Bridge	Total
Middlesex County . . . . .	—	\$24,768 54	\$24,768 54
Norfolk County . . . . .	\$3,913 16	—	3,913 16
Plymouth County . . . . .	1,956 58	—	1,956 58
Bay State Street Railway Company . . . . .	5,085 00	—	5,085 00
	\$10,954 74 <sup>1</sup>	\$24,768 54 <sup>2</sup>	\$35,723 28

<sup>1</sup> Twelfth assessment under Chapter 300, General Acts of 1915 (total assessments, 18), and fifth assessment under Chapter 220, General Acts of 1917 and Chapter 380, Acts of 1922 (total assessments, 20).

<sup>2</sup> For details see page 21.

STATEMENT I.

METROPOLITAN WATER DISTRICT.

*Total Water Debt, April 1, 1927.*

Gross water debt, April 1, 1927:

Bonds outstanding (sinking fund) . . . . . \$41,398,000 00

Bonds outstanding (serial) . . . . . 3,546,000 00

\$44,944,000 00

a decrease for the year of \$115,000.

Sinking fund, April 1, 1927 . . . . .

23,926,896 72

an increase for the year of \$1,088,979.74.

Net Water debt, April 1, 1927 . . . . .

\$21,017,103 28

a decrease for the year of \$1,203,979.74.

*Total Water Assessments for 1927.*

Sinking fund requirements. . . . . \$173,355 17

Serial Bonds . . . . . 115,000 00

Interest:

One year on \$41,398,000 . . . . . \$1,393,435 00

Six months on 3,661,000 . . . . . 72,791 25

Six months on 3,546,000 . . . . . 70,507 50

Interest on advances and temporary loans, estimated, 1927 . . . . . 35,000 00

Adjustment of interest charges in 1926 . . . . . 29,399 17

1,601,132 92

Maintenance as appropriated by Legislature . . . . . \$931,000 00

Less balance on hand . . . . . 3,446 19

927,553 81

Credit to Brookline for water furnished . . . . . 99,695 00

Metropolitan Water construction appropriation, 1927 . . . . . 275,000 00

Total Metropolitan Water assessment . . . . . \$3,191,736 90

## METROPOLITAN WATER LOAN.

*Sinking Fund.*

BONDS ISSUED	Due Dates	Sinking Fund Dec. 1, 1926	Amount of Dec. 1, 1926 Sinking Fund at Ma- turity of Loan. Accumulations reckoned at 4 Per Cent.	Balance to be provided for	Sinking Fund Requirements for 1927
\$13,000,000	July, 1935	\$9,165,393 50	\$12,833,763 52	\$166,236 48	\$18,015 58
4,000,000	Jan., 1938	2,480,990 65	3,835,561 08	164,438 92	12,167 73
4,000,000	July, 1939	2,270,328 43	3,724,714 40	275,285 60	18,278 86
10,000,000	Jan., 1941	5,134,155 46	8,938,688 85	1,061,311 15	57,861 77
3,500,000	Jan., 1942	1,708,121 08	3,094,024 88	405,975 12	20,214 66
2,000,000	Jan., 1943	908,227 58	1,711,591 72	288,408 28	13,172 59
2,000,000	Jan., 1944	852,366 27	1,671,214 10	328,785 90	13,826 67
650,000	Jan., 1945	285,789 61	582,978 60	67,021 40	2,603 81
1,350,000	Jan., 1946	511,879 72	1,086,361 70	263,638 30	9,490 33
398,000	Jan., 1949	119,625 05	285,910 22	112,089 78	3,257 74
500,000	Jan., 1950	134,996 64	335,684 17	164,315 83	4,465 43
\$41,398,000	- -	\$23,571,873 99	\$38,100,493 24	\$3,297,506 76	\$173,355 17

*Computations for determining the Assessment for 1927. (See Section 26 of Chapter 92, General Laws.)*

[The proportion to be paid by each city and town is based as follows: One-third in proportion to their respective valuation for the preceding year, and the remaining two-thirds in proportion to the consumption by the cities and towns, respectively, in the preceding year. The last column shows the total ratio to be paid by each city and town of the whole assessment. To find each city's and town's assessment, multiply the total assessment by the average ratio.]

CITIES AND TOWNS	Valuation 1926	Average Daily Con- sumption (Gallons), 1926	RATIO OF TOTALS		Average Ratio, Double Weight to Consumption
			Valuation	Consumption	
Arlington . . .	\$48,197,650	1,504,400	.016934	.011194	.013107
Belmont . . .	29,093,410	1,056,900	.010222	.007864	.008650
Boston . . .	1,899,618,000	91,275,700	.667425	.679148	.675240
Brookline . . .	149,432,300	4,212,500	.052503	.031344	.038397
Chelsea . . .	53,625,500	3,474,400	.018841	.025852	.023515
Everett . . .	60,132,625	5,215,900	.021127	.038810	.032916
Lexington . . .	15,500,603	517,000	.005446	.003847	.004380
Malden . . .	62,784,900	3,139,800	.022059	.023362	.022928
Medford . . .	65,681,200	2,522,400	.023077	.018768	.020204
Melrose . . .	31,285,750	1,379,600	.010992	.010265	.010507
Milton . . .	30,003,245	701,600	.010542	.005220	.006994
Nahant . . .	4,848,599	178,200	.001703	.001326	.001452
Newton <sup>1</sup> . . .	26,451,790	-	.009294	-	.003098
Quincy . . .	122,176,225	4,757,000	.042926	.035395	.037905
Revere . . .	39,123,100	2,263,800	.013746	.016844	.015811
Somerville . . .	109,289,600	7,791,000	.038399	.057970	.051447
Stoneham . . .	10,980,050	560,000	.003858	.004167	.004064
Swampscott . . .	21,245,612	720,800	.007465	.005363	.006064
Watertown . . .	42,722,456	2,059,300	.015010	.015322	.015218
Winthrop . . .	23,996,300	1,067,000	.008431	.007939	.008103
	\$2,846,188,915	134,397,300	1.000000	1.000000	1.000000

<sup>1</sup> In accordance with the provisions of the act above referred to, but one-fifth of the total valuation and no consumption has been taken, for at present this city has a sufficient supply, and has not made application for water.



## METROPOLITAN WATER LOAN.

## Division of Assessment for 1927.

CITIES AND TOWNS	Sinking Funds	Serial Bonds	Interest	Maintenance	Credit to Brookline for Water furnished	Development, Improvement, etc.	Total
Arlington	\$2,272 17	\$1,507 30	\$20,986 05	\$12,157 45	\$1,306 70	\$3,604 42	\$41,834 09
Belmont	1,499 52	994 75	13,849 80	8,023 34	862 36	2,378 75	27,608 52
Boston	117,056 34	77,652 60	1,081,148 99	626,321 43	67,318 05	185,691 00	2,155,188 41
Brookline	6,656 32	4,415 65	61,478 70	35,615 28	3,827 99	10,559 17	122,553 11
Chelsea	4,076 45	2,704 22	37,650 64	21,811 43	2,344 33	6,466 62	75,053 69
Everett	5,706 16	3,785 34	52,702 89	30,531 36	3,251 56	9,051 90	105,059 21
Lexington	759 30	503 70	7,012 96	4,062 69	436 66	1,204 50	13,979 81
Malden	3,974 69	2,636 72	36,710 78	21,266 95	2,285 80	6,305 20	73,180 14
Medford	3,502 47	2,323 46	32,349 29	18,740 30	2,014 24	5,556 10	64,485 86
Melrose	1,821 44	1,208 30	16,823 10	9,745 81	1,047 50	2,889 42	33,535 57
Milton	1,212 44	804 31	11,198 32	6,487 31	697 26	1,923 35	22,322 99
Nahant	251 71	166 98	2,324 85	1,346 81	144 76	399 50	4,634 41
Newton	537 05	356 27	4,960 31	2,873 56	308 86	851 95	9,888 00
Quincy	6,571 03	4,359 08	60,690 95	35,158 93	3,778 94	10,423 88	120,982 81
Revere	2,740 92	1,818 27	25,315 51	14,665 55	1,576 28	4,348 03	50,464 56
Somerville	8,918 60	5,916 41	82,373 49	47,719 86	5,129 01	14,147 93	164,205 30
Stoneham	704 52	467 36	6,507 00	3,769 58	405 16	1,117 60	12,971 22
Swampscott	1,051 23	697 36	9,709 27	5,624 69	604 55	1,667 60	19,354 70
Watertown	2,638 12	1,750 07	24,366 04	14,115 51	1,517 16	4,184 95	48,571 85
Winthrop	1,404 69	931 85	12,973 98	7,515 97	807 83	2,228 33	25,862 65
\$173,355 17 \$115,000 00 \$1,601,152 92 \$927,553 81 \$99,695 00 \$275,000 00 \$3,191,736 90 *							

<sup>1</sup> This amount includes \$250,000 under Chapter 302 of the Acts of 1925 and \$25,000 under Item 715 of Chapter 138 of the Acts of 1927.

<sup>2</sup> Exclusive of \$70.00 for water furnished by the town of Arlington to the town of Winchester, and \$50.00 for water furnished by the city of Quincy to the town of Braintree.

*Comparison of Total Assessments, 1926 and 1927, with Revenue from Water Rates in 1926.*

CITIES AND TOWNS	WATER ASSESSMENTS		Water Revenue received by Cities and Towns, 1926
	1926	1927	
Arlington	\$40,305 60	\$41,904 09	\$113,656 95 <sup>1</sup>
Belmont	26,040 58	27,608 52	63,738 67 <sup>2</sup>
Boston	2,090,598 07	2,155,188 41	4,000,062 84 <sup>1</sup>
Brookline	114,483 68	122,553 11	259,927 13 <sup>1</sup>
Chelsea	76,531 95	75,053 69	151,422 32
Everett	102,769 73	105,059 21	206,600 84 <sup>2</sup>
Lexington	13,140 45	13,979 81	47,862 04 <sup>3</sup>
Malden	68,284 13	73,180 14	161,949 99 <sup>1</sup>
Medford	61,179 35	64,485 86	126,813 26 <sup>2</sup>
Melrose	30,230 74	33,535 57	65,086 69 <sup>2</sup>
Milton	19,739 94	22,322 99	79,783 93 <sup>4</sup>
Nahant	4,489 01	4,634 41	9,717 64 <sup>1</sup>
Newton	8,839 39	9,888 00	- <sup>5</sup>
Quincy	110,385 95	121,032 81	294,683 42 <sup>3</sup>
Revere	51,141 48	50,464 56	94,894 88 <sup>2</sup>
Somerville	162,676 64	164,205 30	321,919 18 <sup>2</sup>
Stoneham	12,884 74	12,971 22	49,046 80 <sup>3</sup>
Swampscott	19,012 84	19,354 70	59,832 54
Watertown	43,784 04	48,571 85	155,266 30 <sup>2</sup>
Winthrop	24,478 53	25,862 65	69,580 14 <sup>3</sup>
\$3,080,996 84		\$3,191,856 90	\$6,331,845 56

<sup>1</sup> No money received for hydrant rentals, street watering or from municipal departments.

<sup>2</sup> No money received for hydrant rentals, or street watering.

<sup>3</sup> No money received for street watering.

<sup>4</sup> No money received for street watering or from municipal departments.

<sup>5</sup> Not taking water regularly from Metropolitan Works.



*Net Water Debt of the Cities of the Original Metropolitan Water District.*

CITIES	Jan. 1, 1926	Jan. 1, 1927	Increase
Boston . . . . .	\$1,138,011 00	\$1,243,907 00	\$105,896 00
Chelsea . . . . .	—	—	—
Everett . . . . .	64,000 00	83,000 00	19,000 00
Malden . . . . .	—8,720 30	10,529 81	19,250 11
Medford . . . . .	104,000 00	191,000 00	87,000 00
Melrose . . . . .	107,000 00	113,000 00	6,000 00
Somerville . . . . .	—	—	—
	\$1,404,290 70	\$1,641,436 81	\$237,146 11

## STATEMENT II.

## METROPOLITAN PARKS DISTRICT.

Gross Parks Debt, April 1, 1927:

Bonds outstanding (sinking fund) . . . . . \$9,485,000 00

Bonds outstanding (serial) . . . . . 77,250 00

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\$9,562,250 00

a decrease for the year of \$12,750.00.

Sinking fund, April 1, 1927 . . . . . 5,727,496 06

an increase for the year of \$268,395.62.

Net parks debt, April 1, 1927 . . . . . \$3,834,753 94

a decrease for the year of \$281,145.62.

## BOULEVARDS.

Gross parks, series two (boulevards) debt, April 1, 1927:

Bonds outstanding (sinking fund) (one-half) \$2,567,500 00

Bonds outstanding (serial) (one-half) . . . . . 1,245,000 00

Bonds outstanding (serial), 78.75 per cent  
(chapter 300, General Acts of 1915 and  
chapter 220, General Acts of 1917) . . . . . 165,375 00Bonds outstanding (serial), 75 per cent (chap-  
ter 238, General Acts of 1919 and chapter  
380, Acts of 1922) . . . . . 268,500 00

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\$4,246,375 00

a decrease for the year of \$112,437.50.

Sinking fund, April 1, 1927 (one-half) . . . . . 1,454,330 56

an increase for the year of \$68,178.28.

Net parks, series two (boulevards) debt, April 1, 1927 . . . \$2,792,044 44

a decrease for the year of \$180,615.78.

## METROPOLITAN PARKS LOAN.

Total parks assessment for 1927 is made up as follows:

Parks sinking fund . . . . . \$63,118 30

Parks, series two, sinking fund . . . . . 15,875 00

Nantasket sinking fund . . . . . 4,269 85

Parks serial bonds . . . . . \$7,750 00

Note issued under Chapter 340, Acts of 1925 . . . . . 43,043 96

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50,793 96

Parks, series two, serial bonds . . . . . \$75,062 50

Note issued under Section 1, Chapter 397, Acts of  
1926 . . . . . 2,750 00Note issued under Section 2, Chapter 397, Acts of  
1926 . . . . . 869 12

---

\$78,681 62

## Parks interest:

One year on	\$8,785,000 00				\$301,225 00
Six months on	90,000 00				1,726 25
Six months on	77,250 00				1,475 63
Interest on note, Chapter 340, Acts 1925	43,043 96				781 14
Interest on advances and temporary loans, esti- mated, 1927					20,000 00
Adjustment of interest charges in 1926					6,436 21
					<u>\$331,644 23</u>

## Parks, series two, interest:

One year on	\$2,567,500 00	\$87,737 50	
Six months on	1,465,687 50	29,432 50	
Six months on	1,379,225 00	27,695 00	
Interest on advances and temporary loans, estimated, 1927		5,000 00	
Interest on note, Chapter 397, Acts 1926, Section 1.		53 17	
Interest on note, Chapter 397, Acts 1926, Section 2.		16 81	
		<u>\$149,934 98</u>	
Adjustment of interest charges in 1926		11,662 77	
			<u>\$138,272 21</u>

## Nantasket interest:

One year on \$700,000.00		21,000 00
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Parks maintenance as appropriated by Legislature	\$912,986 88	
Less balance on hand	15,015 91	
	<u>897,970 97</u>	

Parks, series two, maintenance	\$616,250 00	
Less balance on hand	5,432 01	
	<u>610,817 99</u>	

Nantasket maintenance	\$83,400 00	
Less balance on hand	1,786 61	
	<u>81,613 39</u>	

Wellington Bridge maintenance (one-quarter)	\$3,500 00	
Less balance on hand (one-quarter)	187 97	
	<u>3,312 03</u>	

Total parks assessment for 1927 . . . . . \$2,297,369 55<sup>1</sup>

<sup>1</sup> Exclusive of \$27,526.58 Division of Metropolitan Planning, \$49,537.06 assessment on account of cost of construction of River Street-Brighton Street bridge, and \$243,471.54 assessment on account of cost of construction of Southern Traffic Route.

**METROPOLITAN PARKS, INCLUDING BOULEVARDS, WELLINGTON BRIDGE AND  
NANTASKET AND METROPOLITAN PLANNING DIVISION.**

*Total Assessments and Grand Total.*

CITIES AND TOWNS	Total Sinking Fund	Total Serial Bonds	Total Interest	Total Maintenance	Metro- politan Planning Division	Grand Total
Arlington . . .	\$925 76	\$1,439 75	\$5,458 31	\$18,985 25	\$344 80	\$27,153 96
Belmont . . .	554 40	862 21	3,268 76	11,449 44	208 99	16,343 80
Boston . . .	46,406 63	72,172 46	273,617 61	\$33,592 51	13,668 27	1,239,457 48
Braintree . . .	433 01	673 43	2,553 10	9,263 13	173 06	13,095 73
Brookline . . .	3,305 56	5,140 87	19,489 86	56,152 49	874 75	84,963 53
Cambridge . . .	4,511 42	7,016 24	26,599 72	92,046 99	1,666 24	131,840 61
Canton . . .	217 84	338 79	1,284 40	4,474 11	81 36	6,396 50
Chelsea . . .	1,352 14	2,102 88	7,972 33	30,443 29	586 93	42,457 57
Cohasset . . .	10 85	-	53 34	207 30	-	271 49
Dedham . . .	473 10	735 76	2,789 37	9,995 97	185 26	14,179 46
Dover . . .	82 46	128 24	486 19	1,395 57	21 66	2,114 12
Everett . . .	1,405 47	2,185 83	8,286 85	29,878 15	555 94	42,312 24
Hingham . . .	291 12	452 76	1,716 51	5,547 38	95 49	8,103 26
Hull . . .	425 42	661 62	2,508 32	6,513 93	90 73	10,200 02
Lynn . . .	3,062 78	4,763 28	18,058 39	67,969 54	1,299 17	95,153 16
Malden . . .	1,383 14	2,151 08	8,155 12	32,009 10	626 99	44,325 43
Medford . . .	1,286 31	2,000 49	7,584 20	29,633 64	578 97	41,083 61
Melrose . . .	667 64	1,038 33	3,936 46	14,237 99	265 47	20,145 89
Milton . . .	651 29	1,012 89	3,840 05	12,180 58	206 59	17,891 40
Nahant . . .	130 12	202 37	767 20	2,197 84	34 05	3,331 58
Needham . . .	393 63	612 17	2,320 84	7,663 78	134 12	11,124 54
Newton . . .	2,806 67	4,364 99	16,548 36	51,883 83	871 66	76,475 51
Quincy . . .	2,234 89	3,506 85	13,295 04	46,067 59	834 68	65,959 05
Revere . . .	854 18	1,328 43	5,036 28	20,088 26	397 03	27,704 18
Saugus . . .	252 71	393 01	1,489 97	6,671 40	139 79	8,946 88
Somerville . . .	2,544 94	3,957 93	15,005 15	59,834 52	1,182 42	82,524 96
Stoneham . . .	241 66	375 84	1,424 88	5,601 55	109 82	7,753 75
Swampscott . . .	466 43	725 40	2,750 12	8,658 69	145 97	12,746 61
Wakefield . . .	489 34	761 03	2,885 21	10,644 20	200 97	14,980 75
Waltham . . .	1,244 90	1,936 10	7,340 06	25,832 46	473 05	36,826 57
Watertown . . .	1,015 74	1,579 69	5,988 87	20,357 05	363 90	29,305 25
Wellesley . . .	700 99	1,090 19	4,133 08	11,907 35	185 49	18,017 10
Weston . . .	193 14	300 38	1,138 81	3,354 42	54 28	5,071 03
Westwood . . .	92 35	143 64	544 57	1,697 79	28 39	2,506 74
Weymouth . . .	534 50	831 29	3,151 54	11,677 16	221 06	16,415 55
Winchester . . .	609 75	948 31	3,595 21	11,284 51	189 76	16,627 54
Winthrop . . .	500 25	778 02	2,949 60	10,931 56	206 98	15,366 41
Woburn . . .	490 62	763 03	2,892 76	11,354 06	222 40	15,722 87
	\$83,263 15	\$129,475 58	\$490,916 44	\$1,593,714 38	\$27,526 58 <sup>1</sup>	\$2,324,896 13 <sup>2</sup>

<sup>1</sup> Chapter 399, Acts of 1923.

<sup>2</sup> Exclusive of \$49,537.06 special assessment on account of cost of construction of River Street-Brighton Street Bridge, and \$243,471.54 special assessment on account of cost of construction of Southern Traffic Route.

METROPOLITAN PARKS (EXCEPTING NANTASKET) AND BOULEVARDS AND CHARLES  
RIVER BASIN.

*Proportion of Sinking Fund, Serial Bonds, Interest and Maintenance (excepting  
Parks Maintenance) Requirements as determined by Metropolitan District  
Commission.*

CITIES AND TOWNS	Valuation (Chapter 212, Acts of 1925)	Per Cent
Arlington . . . . .	\$41,875,036	.011119835248
Belmont . . . . .	25,077,267	.006659220006
Boston . . . . .	2,099,135,596	.557421419051
Braintree . . . . .	19,586,817	.005201241572
Brookline . . . . .	149,521,993	.039705277580
Cambridge . . . . .	204,067,353	.054189692990
Canton . . . . .	9,853,642	.002616615676
Chelsea . . . . .	61,162,070	.016241470021
Dedham . . . . .	21,399,474	.005682589151
Dover . . . . .	3,729,933	.000990476532
Everett . . . . .	63,574,863	.016882182560
Hingham . . . . .	13,168,694	.003496921357
Hull . . . . .	19,243,291	.005110018903
Lynn . . . . .	138,540,086	.036789053304
Malden . . . . .	62,564,379	.016613850478
Medford . . . . .	58,184,383	.015450750966
Melrose . . . . .	30,199,728	.008019479670
Milton . . . . .	29,460,067	.007823064114
Nahant . . . . .	5,885,817	.001562967381
Needham . . . . .	17,804,996	.004728082433
Newton . . . . .	126,955,555	.033712803384
Quincy . . . . .	101,996,678	.027085021614
Revere . . . . .	38,637,306	.010260062275
Saugus . . . . .	11,430,789	.003035424028
Somerville . . . . .	115,116,241	.030568896329
Stoneham . . . . .	10,931,340	.002902796307
Swampscott . . . . .	21,098,300	.005602612975
Wakefield . . . . .	22,134,701	.005877827266
Waltham . . . . .	56,311,341	.014953368267
Watertown . . . . .	45,945,293	.012200684163
Wellesley . . . . .	31,708,106	.008420026546
Weston . . . . .	8,736,657	.002320002458
Westwood . . . . .	4,177,828	.001109414188
Weymouth . . . . .	24,177,886	.006420391112
Winchester . . . . .	27,581,674	.007324260467
Winthrop . . . . .	22,623,616	.006008985444
Woburn . . . . .	22,192,645	.005893214184
	<b>\$3,765,796,441</b>	<b>1.000000000000</b>

## METROPOLITAN PARKS (EXCEPTING NANTASKET).

*Portion of Maintenance Requirements as determined by Metropolitan District Commission.*

CITIES AND TOWNS	Valuation (Chapter 212, Acts of 1925)	Per Cent	Popu- lation (State Census, 1925)	Per Cent	Average Per Cent
Arlington . . .	\$41,875,036	.0111198352	24,943	.0139388886	.01252936190
Belmont . . .	25,077,267	.0066592200	15,256	.0085255056	.00759236280
Boston . . .	2,099,135,596	.5574214191	779,620	.4356747924	.49654810575
Braintree . . .	19,586,817	.0052012416	13,193	.0073726399	.00628694075
Brookline . . .	149,521,993	.0397052776	42,681	.0238514094	.03177834350
Cambridge . . .	204,067,353	.0541896930	119,669	.0668745886	.06053214080
Canton . . .	9,853,642	.0026166157	5,896	.0032948598	.00295573775
Chelsea . . .	61,162,070	.0162414700	47,247	.0264030257	.02132224785
Dedham . . .	21,399,474	.0056825892	13,918	.0077777914	.00673019030
Dover . . .	3,729,933	.0009904765	1,044	.0005834181	.00078694730
Everett . . .	63,574,863	.0168821826	42,072	.0235110822	.02019663240
Hingham . . .	13,168,694	.0034969214	6,158	.0034412732	.00346909730
Hull . . .	19,243,291	.0051100189	2,652	.0014820163	.00329601760
Lynn . . .	138,540,086	.0367890533	103,081	.0576047219	.04719688760
Malden . . .	62,564,379	.0166138505	51,789	.0289412301	.02277754030
Medford . . .	58,184,383	.0154507510	47,627	.0266153810	.02103306600
Melrose . . .	30,199,728	.0080194797	20,165	.0112688004	.00964414005
Milton . . .	29,460,067	.0078230641	12,861	.0071871085	.00750508630
Nahant . . .	5,885,817	.0015629674	1,630	.0009108924	.00123692990
Needham . . .	17,804,996	.0047280824	8,977	.0050166140	.00487234820
Newton . . .	126,955,555	.0337128034	53,003	.0296196493	.03166622635
Quincy . . .	101,996,678	.0270850216	60,055	.0335605162	.03032276890
Revere . . .	38,637,306	.0102600622	33,261	.0185872339	.01442364805
Saugus . . .	11,430,789	.0030354240	12,743	.0071211666	.00507829530
Somerville . . .	115,116,241	.0305688963	99,032	.0553420205	.04295545840
Stoneham . . .	10,931,340	.0029027963	9,084	.0050764083	.00398960255
Swampscott . . .	21,098,300	.0056026130	8,953	.0050032021	.00530290755
Wakefield . . .	22,134,701	.0058778273	15,611	.0087238901	.00730085870
Waltham . . .	56,311,341	.0149533683	34,746	.0194170959	.01718523210
Watertown . . .	45,945,293	.0122006841	25,480	.0142389802	.01321983215
Wellesley . . .	31,708,106	.0084200265	9,049	.0050568497	.00673843810
Weston . . .	8,736,657	.0023200025	2,906	.0016239590	.00197198075
Westwood . . .	4,177,828	.0011094142	1,706	.0009533634	.00103138880
Weymouth . . .	24,177,886	.0064203911	17,253	.0096414884	.00803093975
Winchester . . .	27,581,674	.0073242605	11,565	.0064628652	.00689356285
Winthrop . . .	22,628,616	.0060089854	16,158	.0090295700	.00751927770
Woburn . . .	22,192,645	.0058932141	18,370	.0102657012	.00807945765
	\$3,765,796,441	1.0000000000	1,789,454	1.0000000000	1.0000000000



## METROPOLITAN PARKS — NANTASKET.

*Portion of Sinking Fund, Interest and Maintenance Requirements as determined by  
Metropolitan District Commission.*

CITIES AND TOWNS	Valuation (Chapter 212, Acts of 1925)	Per Cent
Arlington . . . . .	\$41,875,036	.011091590003
Belmont . . . . .	25,077,267	.006642305071
Boston . . . . .	2,099,135,596	.556005525384
Braintree . . . . .	19,586,817	.005188030015
Brookline . . . . .	149,521,993	.039604423093
Cambridge . . . . .	204,067,353	.054052046964
Canton . . . . .	9,853,642	.002609969269
Chelsea . . . . .	61,162,070	.016200215426
Cohasset . . . . .	9,589,774	.002540077612
Dedham . . . . .	21,399,474	.005668154933
Dover . . . . .	3,729,933	.000987960645
Everett . . . . .	63,574,863	.016839300506
Hingham . . . . .	13,168,694	.003488038905
Hull . . . . .	19,243,291	.005097039059
Lynn . . . . .	138,540,086	.036695606253
Malden . . . . .	62,564,379	.016571650008
Medford . . . . .	58,184,383	.015411504860
Melrose . . . . .	30,199,723	.007999109569
Milton . . . . .	29,460,067	.007803192924
Nahant . . . . .	5,885,817	.001558997322
Needham . . . . .	17,804,996	.004716072737
Newton . . . . .	126,955,555	.033627170247
Quincy . . . . .	101,996,678	.027016223557
Revere . . . . .	38,637,306	.010234000921
Saugus . . . . .	11,430,789	.003027713815
Somerville . . . . .	115,116,241	.030491248959
Stoneham . . . . .	10,931,340	.002895422979
Swampscott . . . . .	21,098,300	.005588381903
Wakefield . . . . .	22,134,701	.005862897129
Waltham . . . . .	56,311,341	.014915385551
Watertown . . . . .	45,945,293	.012169693479
Wellesley . . . . .	31,708,106	.008398639025
Weston . . . . .	8,736,657	.002314109472
Westwood . . . . .	4,177,828	.001106596190
Weymouth . . . . .	24,177,886	.006404082820
Winchester . . . . .	27,581,674	.007305656277
Winthrop . . . . .	22,628,616	.005993722155
Woburn . . . . .	22,192,645	.005878244963
	<b>\$3,775,386,215</b>	<b>1.000000000000</b>

## METROPOLITAN PARKS LOAN.

*Sinking Fund.*

BONDS ISSUED	Due Dates	Sinking Fund Dec. 1, 1926	Amount of Dec. 1, 1926 Sinking Fund at Ma- turity of Loan. Accumulations reckoned at 3½ Per Cent	Balance to be provided for	Sinking Fund Requirements for 1927
\$125,000	Jan., 1928	\$116,446 45	\$120,854 13	\$4,145 87	\$4,145 87
1,300,000	Jan., 1934	943,564 52	1,223,822 13	76,177 87	9,707 93
2,000,000	Jan., 1936	1,327,815 84	1,855,047 49	144,952 51	13,818 02
1,400,000	Jan., 1937	889,441 07	1,289,643 31	110,356 69	9,283 68
1,000,000	July, 1938	599,639 32	919,274 89	80,725 11	6,052 66
505,000	July, 1939	289,152 56	460,063 29	44,936 71	3,027 68
650,000	Jan., 1941	374,205 43	629,511 24	20,488 76	1,136 71
125,000	Jan., 1943	56,841 56	102,998 26	22,001 74	1,025 59
340,000	July, 1943	155,951 47	287,886 29	52,113 71	2,429 22
300,000	Jan., 1944	126,432 43	237,770 31	62,229 69	2,674 83
370,000	Jan., 1945	143,840 35	280,746 99	89,253 01	3,549 46
300,000	Jan., 1946	112,592 92	228,076 59	71,923 41	2,654 27
300,000	Jan., 1947	102,153 47	214,762 27	85,237 73	2,926 82
70,000	Jan., 1949	20,797 95	47,097 29	22,902 71	685 56
<b>\$8,785,000</b>	<b>-</b>	<b>\$5,258,875 34</b>	<b>\$7,897,554 48</b>	<b>\$887,445 52</b>	<b>\$63,118 30</b>

*Nantasket.*

\$600,000	July, 1939	\$344,619 12	\$548,314 72	\$51,685 28	\$3,482 38
100,000	Jan., 1941	51,006 43	85,806 13	14,193 87	787 47
<b>\$700,000</b>	<b>-</b>	<b>\$395,625 55</b>	<b>\$634,120 85</b>	<b>\$65,879 15</b>	<b>\$4,269 85</b>

## METROPOLITAN PARKS LOAN, SERIES TWO.

*Sinking Fund.*

BONDS ISSUED	Due Dates	Sinking Fund Dec. 1, 1926	Amount of Dec. 1, 1926 Sinking Fund at Ma- turity of Loan. Accumulations reckoned at 3½ Per Cent	Balance to be provided for	Sinking Fund Requirements for 1927
\$250,000	Jan., 1934	\$185,945 13	\$241,174 57	\$8,825 43	\$1,125 00
300,000	Jan., 1936	204,862 62	286,206 78	13,793 22	1,315 00
500,000	Jan., 1937	327,257 07	474,505 74	25,494 26	2,145 00
50,000	July, 1938	30,934 01	47,423 27	2,576 73	193 00
250,000	July, 1939	148,349 89	236,035 74	13,964 26	941 00
225,000	Jan., 1940	119,989 66	194,492 11	30,507 89	1,860 00
162,500	July, 1940	90,301 55	149,114 88	13,385 12	816 00
55,000	Jan., 1943	25,648 03	46,474 84	8,525 16	397 00
150,000	July, 1943	66,642 75	123,022 46	26,977 54	1,258 00
150,000	Jan., 1944	64,541 84	121,378 14	28,621 86	1,230 00
150,000	Jan., 1945	59,204 70	115,555 48	34,444 52	1,370 00
150,000	Jan., 1946	53,399 17	108,169 33	41,830 67	1,544 00
150,000	Jan., 1947	51,651 03	108,588 50	41,411 50	1,422 00
25,000	Jan., 1949	7,223 92	16,358 68	8,641 32	259 00
<b>\$2,567,500</b>	<b>-</b>	<b>\$1,435,951 37</b>	<b>\$2,268,500 52</b>	<b>\$298,999 48</b>	<b>\$15,875 00</b>

## METROPOLITAN PARKS LOAN, INCLUDING BOULEVARDS AND NANTASKET.

*Sinking Fund Requirements.*

CITIES AND TOWNS	Parks	Boulevards	Nantasket	Total
Arlington . . . . .	\$701 87	\$176 53	\$47 36	\$925 76
Belmont . . . . .	420 32	105 72	28 36	554 40
Boston . . . . .	35,183 49	8,849 07	2,374 07	46,406 63
Braintree . . . . .	328 29	82 57	22 15	433 01
Brookline . . . . .	2,506 13	630 33	169 10	3,305 56
Cambridge . . . . .	3,420 36	860 27	230 79	4,511 42
Canton . . . . .	165 16	41 54	11 14	217 84
Chelsea . . . . .	1,025 13	257 83	69 18	1,352 14
Cohasset . . . . .	-	-	10 85	10 85
Dedham . . . . .	358 68	90 21	24 21	473 10
Dover . . . . .	62 52	15 72	4 22	82 46
Everett . . . . .	1,065 57	268 00	71 90	1,405 47
Hingham . . . . .	220 72	55 51	14 89	291 12
Hull . . . . .	322 54	81 12	21 76	425 42
Lynn . . . . .	2,322 06	584 04	156 68	3,062 78
Malden . . . . .	1,048 64	263 74	70 76	1,383 14
Medford . . . . .	975 23	245 28	65 80	1,286 31
Melrose . . . . .	506 18	127 31	34 15	667 64
Milton . . . . .	493 78	124 19	33 32	651 29
Nahant . . . . .	98 65	24 81	6 66	130 12
Needham . . . . .	298 43	75 06	20 14	393 63
Newton . . . . .	2,127 89	535 19	143 59	2,806 67
Quincy . . . . .	1,709 56	429 97	115 36	2,254 89
Revere . . . . .	647 60	162 88	43 70	854 18
Saugus . . . . .	191 59	48 19	12 93	252 71
Somerville . . . . .	1,929 46	485 28	130 20	2,544 94
Stoneham . . . . .	183 22	46 08	12 36	241 66
Swampscott . . . . .	353 63	88 94	23 86	466 43
Wakefield . . . . .	371 00	93 31	25 03	489 34
Waltham . . . . .	943 83	237 38	63 69	1,244 90
Watertown . . . . .	770 09	193 69	51 96	1,015 74
Wellesley . . . . .	531 46	133 67	35 86	700 99
Weston . . . . .	146 43	36 83	9 88	193 14
Westwood . . . . .	70 02	17 61	4 72	92 35
Weymouth . . . . .	405 24	101 92	27 34	534 50
Winchester . . . . .	462 29	116 27	31 19	609 75
Winthrop . . . . .	379 27	95 39	25 59	500 25
Woburn . . . . .	371 97	93 55	25 10	490 62
	\$63,118 30	\$15,875 00	\$4,269 85	\$83,263 15



## METROPOLITAN PARKS LOAN, INCLUDING BOULEVARDS.

*Serial Bond Requirements.*

CITIES AND TOWNS	Parks	Boulevards	Total
Arlington . . . . .	\$564 82	\$874 93	\$1,439 75
Belmont . . . . .	338 25	523 96	862 21
Boston . . . . .	28,313 64	43,858 82	72,172 46
Braintree . . . . .	264 19	409 24	673 43
Brookline . . . . .	2,016 79	3,124 08	5,140 87
Cambridge . . . . .	2,752 51	4,263 73	7,016 24
Canton . . . . .	132 91	205 88	338 79
Chelsea . . . . .	824 97	1,277 91	2,102 88
Dedham . . . . .	288 64	447 12	735 76
Dover . . . . .	50 31	77 93	128 24
Everett . . . . .	857 51	1,328 32	2,185 83
Hingham . . . . .	177 62	275 14	452 76
Hull . . . . .	259 56	402 06	661 62
Lynn . . . . .	1,868 66	2,894 62	4,763 28
Malden . . . . .	843 88	1,307 20	2,151 08
Medford . . . . .	784 80	1,215 69	2,000 49
Melrose . . . . .	407 34	630 99	1,038 33
Milton . . . . .	397 36	615 53	1,012 89
Nahant . . . . .	79 39	122 98	202 37
Needham . . . . .	240 16	372 01	612 17
Newton . . . . .	1,712 41	2,652 58	4,364 99
Quincy . . . . .	1,375 76	2,131 09	3,506 85
Revere . . . . .	521 15	807 28	1,328 43
Saugus . . . . .	154 18	238 83	393 01
Somerville . . . . .	1,552 72	2,405 21	3,957 93
Stoneham . . . . .	147 44	228 40	375 84
Swampscott . . . . .	284 58	440 82	725 40
Wakefield . . . . .	298 56	462 47	761 03
Waltham . . . . .	759 54	1,176 56	1,936 10
Watertown . . . . .	619 72	959 97	1,579 69
Wellesley . . . . .	427 69	662 50	1,090 19
Weston . . . . .	117 84	182 54	300 38
Westwood . . . . .	56 35	87 29	143 64
Weymouth . . . . .	326 12	505 17	831 29
Winchester . . . . .	372 03	576 28	948 31
Winthrop . . . . .	305 22	472 80	778 02
Woburn . . . . .	299 34	463 69	763 03
	<u>\$50,793 96</u>	<u>\$78,681 62</u>	<u>\$129,475 58</u>

## METROPOLITAN PARKS LOAN, INCLUDING BOULEVARDS AND NANTASKET.

*Interest Requirements.*

CITIES AND TOWNS	Parks	Boulevards	Nantasket	Total
Arlington . . . . .	\$3,687 83	\$1,537 56	\$232 92	\$5,458 31
Belmont . . . . .	2,208 49	920 78	139 49	3,268 76
Boston . . . . .	184,865 60	77,075 89	11,676 12	273,617 61
Braintree . . . . .	1,724 96	719 19	108 95	2,553 10
Brookline . . . . .	13,168 03	5,490 14	831 69	19,489 86
Cambridge . . . . .	17,971 70	7,492 93	1,135 09	26,599 72
Canton . . . . .	867 78	361 81	54 81	1,284 40
Chelsea . . . . .	5,386 39	2,245 74	340 20	7,972 33
Cohasset . . . . .	—	—	53 34	53 34
Dedham . . . . .	1,884 60	785 74	119 03	2,789 37
Dover . . . . .	328 48	136 96	20 75	486 19
Everett . . . . .	5,598 88	2,334 34	353 63	8,286 85
Hingham . . . . .	1,159 73	483 53	73 25	1,716 51
Hull . . . . .	1,694 71	706 57	107 04	2,508 32
Lynn . . . . .	12,200 88	5,086 90	770 61	18,058 39
Malden . . . . .	5,509 89	2,297 23	348 00	8,155 12
Medford . . . . .	5,124 15	2,136 41	323 64	7,584 20
Melrose . . . . .	2,659 61	1,108 87	167 98	3,936 46
Milton . . . . .	2,594 47	1,081 71	163 87	3,840 05
Nahant . . . . .	518 35	216 11	32 74	767 20
Needham . . . . .	1,568 04	653 76	99 04	2,320 84
Newton . . . . .	11,180 65	4,661 54	706 17	16,548 36
Quincy . . . . .	8,982 59	3,745 11	567 34	13,295 04
Revere . . . . .	3,402 69	1,418 68	214 91	5,036 28
Saugus . . . . .	1,006 68	419 71	63 58	1,489 97
Somerville . . . . .	10,138 00	4,226 83	640 32	15,005 15
Stoneham . . . . .	962 70	401 38	60 80	1,424 88
Swampscott . . . . .	1,858 07	774 69	117 36	2,750 12
Wakefield . . . . .	1,949 35	812 74	123 12	2,885 21
Waltham . . . . .	4,959 20	2,067 64	313 22	7,340 06
Watertown . . . . .	4,046 29	1,687 02	255 56	5,988 87
Wellesley . . . . .	2,792 45	1,164 26	176 37	4,133 08
Weston . . . . .	769 42	320 79	48 60	1,138 81
Westwood . . . . .	367 93	153 40	23 24	544 57
Weymouth . . . . .	2,129 29	887 76	134 49	3,151 54
Winchester . . . . .	2,429 05	1,012 74	153 42	3,595 21
Winthrop . . . . .	1,992 85	830 88	125 87	2,949 60
Woburn . . . . .	1,954 45	814 87	123 44	2,892 76
	<u>\$331,644 23</u>	<u>\$138,272 21</u>	<u>\$21,000 00</u>	<u>\$490,916 44</u>

**METROPOLITAN PARKS LOAN, INCLUDING BOULEVARDS, WELLINGTON BRIDGE  
AND NANTASKET.**

*Maintenance Requirements.*

CITIES AND TOWNS	Parks	Nantasket	Boulevards	Wellington Bridge	Total
Arlington . . . . .	\$11,251 00	\$905 22	\$6,792 20	\$36 83	\$18,985 25
Belmont . . . . .	6,817 72	542 10	4,067 57	22 05	11,449 44
Boston . . . . .	445,885 78	45,377 50	340,483 03	1,846 20	833,592 51
Braintree . . . . .	5,643 49	423 41	3,177 01	17 22	9,263 13
Brookline . . . . .	28,536 03	3,232 25	24,252 70	131 51	56,132 49
Cambridge . . . . .	54,356 10	4,411 37	33,100 04	179 48	92,046 99
Canton . . . . .	2,654 16	213 01	1,598 27	8 67	4,474 11
Chelsea . . . . .	19,146 76	1,322 16	9,920 58	53 79	30,443 29
Cohasset . . . . .	-	207 30	-	-	207 30
Dedham . . . . .	6,043 32	462 60	3,471 03	18 82	9,995 97
Dover . . . . .	706 66	80 63	605 00	3 28	1,395 57
Everett . . . . .	18,135 99	1,374 31	10,311 94	55 91	29,878 15
Hingham . . . . .	3,115 15	284 67	2,133 98	11 58	5,547 38
Hull . . . . .	2,959 73	415 99	3,121 29	16 92	6,513 93
Lynn . . . . .	42,381 43	2,994 85	22,471 41	121 85	67,969 54
Malden . . . . .	20,453 57	1,352 46	10,148 04	55 03	32,009 10
Medford . . . . .	18,887 08	1,257 79	9,437 60	51 17	29,633 64
Melrose . . . . .	8,660 16	652 83	4,898 44	26 56	14,237 99
Milton . . . . .	6,739 35	636 85	4,778 47	25 91	12,180 58
Nahant . . . . .	1,110 73	127 24	954 69	5 18	2,197 84
Needham . . . . .	4,375 23	384 89	2,888 00	15 66	7,663 78
Newton . . . . .	28,435 35	2,744 43	20,592 39	111 66	51,883 83
Quincy . . . . .	27,228 97	2,204 89	16,544 02	89 71	46,067 59
Revere . . . . .	12,952 02	835 23	6,267 03	33 98	20,083 26
Saugus . . . . .	4,560 16	247 10	1,854 09	10 05	6,671 40
Somerville . . . . .	38,572 75	2,488 49	18,672 03	101 25	59,834 52
Stoneham . . . . .	3,582 55	236 31	1,773 08	9 61	5,601 55
Swampscott . . . . .	4,761 86	456 09	3,422 18	18 56	8,653 69
Wakefield . . . . .	6,555 96	478 49	3,590 28	19 47	10,644 20
Waltham . . . . .	15,431 84	1,217 30	9,133 79	49 53	25,832 46
Watertown . . . . .	11,871 03	993 21	7,452 40	40 41	20,357 05
Wellesley . . . . .	6,050 92	685 44	5,143 10	27 89	11,907 35
Weston . . . . .	1,770 78	188 86	1,417 10	7 68	3,384 42
Westwood . . . . .	926 16	90 31	677 65	3 67	1,697 79
Weymouth . . . . .	7,211 55	522 66	3,921 69	21 26	11,677 16
Winchester . . . . .	6,190 22	596 24	4,473 79	24 26	11,284 51
Winthrop . . . . .	6,752 09	489 17	3,670 40	19 90	10,931 56
Woburn . . . . .	7,255 12	479 74	3,599 68	19 52	11,354 06
	\$897,970 97	\$81,613 39	\$610,817 99	\$3,312 03	\$1,593,714 38

**NEPONSET BRIDGE.**

*Special Assessment.*

[Chapter 300, General Acts of 1915.]

Bonds issued, 57½ per cent . . . . .	\$201,250 00
Previously assessed . . . . .	126,500 00
Outstanding . . . . .	\$74,750 00
Serial bonds due Jan. 1, 1928 . . . . .	\$11,500 00
Interest:	
One year on \$74,750 . . . . .	\$2,990 00
Six months on 11,500 . . . . .	230 00
	3,220 00
	\$14,720 00

*Assessment.*

	Per Cent	Serial Bonds	Interest	Total
City of Boston . . . . .	20	\$4,000 00	\$1,120 00	\$5,120 00
City of Quincy . . . . .	15	3,000 00	840 00	3,840 00
County of Norfolk . . . . .	5	1,000 00	280 00	1,280 00
County of Plymouth . . . . .	2½	500 00	140 00	640 00
Bay State Street Railway Company . . . . .	15	3,000 00	840 00	3,840 00
	57½	\$11,500 00	\$3,220 00	\$14,720 00

## NEPONSET BRIDGE.

*Special Assessment.*

[Chapter 300, General Acts of 1915 and Chapter 220, General Acts of 1917.]

Bonds issued, 57½ per cent . . . . .	\$57,500 00	
Previously assessed . . . . .	11,500 00	
Outstanding . . . . .	\$46,000 00	
Serial bonds due Jan. 1, 1928 . . . . .		\$2,875 00
Interest:		
One year on \$46,000 . . . . .	\$1,840 00	
Six months on 2,875 . . . . .	57 50	
		1,897 50
		\$4,772 50

*Assessment.*

	Per Cent	Serial Bonds	Interest	Total
City of Boston . . . . .	20	\$1,000 00	\$660 00	\$1,660 00
City of Quincy . . . . .	15	750 00	495 00	1,245 00
County of Norfolk . . . . .	5	250 00	165 00	415 00
County of Plymouth . . . . .	2½	125 00	82 50	207 50
Bay State Street Railway Company . . . . .	15	750 00	495 00	1,245 00
	57½	\$2,875 00	\$1,897 50	\$4,772 50

## NEPONSET BRIDGE.

*Special Assessment.*

[Chapter 238, General Acts of 1919, and Chapter 380, Acts of 1922.]

Bonds issued, 50 per cent . . . . .	\$225,000 00	
Previously assessed . . . . .	46,000 00	
Outstanding . . . . .	\$179,000 00	
Serial bonds due Jan. 1, 1928 . . . . .		\$11,500 00
Interest:		
One year on \$179,000 . . . . .	\$7,160 00	
Six months on 11,500 . . . . .	230 00	
		7,390 00
Less interest on average balance in fund, 50 per cent . . . . .		35 65
		7,354 35
		\$18,854 35

*Assessment.*

	Per Cent	Serial Bonds	Interest	Total
City of Boston . . . . .	23 <sup>9</sup> / <sub>17</sub>	\$5,411 77	\$3,460 87	\$8,872 64
City of Quincy . . . . .	17 <sup>11</sup> / <sub>17</sub>	4,058 82	2,595 65	6,654 47
County of Norfolk . . . . .	5 <sup>15</sup> / <sub>17</sub>	1,352 94	865 22	2,218 16
County of Plymouth . . . . .	2 <sup>16</sup> / <sub>17</sub>	676 47	432 61	1,109 08
	50	\$11,500 00	\$7,354 35	\$18,854 35

## WELLINGTON BRIDGE.

*Special Assessment.*

	Per Cent	Note <sup>1</sup>	Interest <sup>1</sup>	Maintenance <sup>2</sup>	Total
Malden . . . . .	15.2941	\$1,682 35	\$32 53	\$2,026 18	\$3,741 06
Medford . . . . .	18.8235	2,070 59	40 04	2,493 76	4,604 39
Somerville . . . . .	12.9412	1,423 53	27 53	1,714 47	3,165 53
Stoneham . . . . .	2.9412	323 53	6 26	389 66	719 45
	50.0000	\$5,500 00	\$106 36	\$6,624 07	\$12,230 43

<sup>1</sup> Note issued under Section 1 of Chapter 397, Acts of 1926.<sup>2</sup> Assessed under Chapter 295, General Acts of 1916.

## SPECIAL ASSESSMENTS.

CITIES AND TOWNS	River Street- Brighton Street Bridge Assessment	Southern Traffic Route Assessment
Arlington . . . . .	\$550 84	\$2,707 36
Belmont . . . . .	329 88	1,621 33
Boston . . . . .	27,613 02	135,716 25
Braintree . . . . .	257 65	1,266 35
Brookline . . . . .	1,966 88	9,667 11
Cambridge . . . . .	2,684 40	13,193 65
Canton . . . . .	129 62	637 07
Chelsea . . . . .	804 55	3,954 34
Dedham . . . . .	281 50	1,383 55
Dover . . . . .	49 07	241 15
Everett . . . . .	836 29	4,110 33
Hingham . . . . .	173 23	851 40
Hull . . . . .	253 14	1,244 14
Lynn . . . . .	1,822 42	8,957 09
Malden . . . . .	823 00	4,045 00
Medford . . . . .	765 38	3,761 82
Melrose . . . . .	397 26	1,952 52
Milton . . . . .	387 53	1,904 69
Nahant . . . . .	77 42	380 54
Needham . . . . .	234 22	1,151 15
Newton . . . . .	1,670 03	8,208 11
Quincy . . . . .	1,341 71	6,594 43
Revere . . . . .	508 25	2,498 03
Saugus . . . . .	150 37	739 04
Somerville . . . . .	1,514 29	7,442 66
Stoneham . . . . .	143 80	706 75
Swampscott . . . . .	277 54	1,364 08
Wakefield . . . . .	291 17	1,431 08
Waltham . . . . .	740 75	3,640 72
Watertown . . . . .	604 39	2,970 52
Wellesley . . . . .	417 10	2,050 04
Weston . . . . .	114 93	564 85
Westwood . . . . .	54 96	270 11
Weymouth . . . . .	318 05	1,563 18
Winchester . . . . .	362 82	1,783 25
Winthrop . . . . .	297 67	1,463 02
Woburn . . . . .	291 93	1,434 83
	\$49,537 06 <sup>1</sup>	\$243,471 54 <sup>2</sup>

<sup>1</sup> Chapter 497, Acts of 1921, Chapter 327, Acts of 1926; Chapter 320, Acts of 1927, Metropolitan Parks District, 16.216%.<sup>2</sup> Chapter 330, Acts of 1925, and Chapter 369, Acts of 1926, Metropolitan Parks District, 331%.SPECIAL ASSESSMENT ON ACCOUNT OF COST OF CONSTRUCTION OF RIVER STREET-  
BRIGHTON STREET BRIDGE ACROSS THE CHARLES RIVER.

[Chapter 497, Acts of 1921, Chapter 327, Acts of 1926, Chapter 320, Acts of 1927.]

	Per Cent	Amount
City of Boston . . . . .	37.838	\$115,588 51
City of Cambridge . . . . .	37.838	115,588 51
County of Middlesex . . . . .	8.108	24,768 54
	83.784	\$255,945 56



# SPECIAL ASSESSMENT ON ACCOUNT OF CONSTRUCTION OF SOUTHERN TRAFFIC ROUTE.

[Chapter 330, Acts of 1925, and Chapter 369, Acts of 1926.]

	Amount
City of Boston . . . . .	\$129,771 49
City of Quincy . . . . .	113,700 05
	<u>\$243,471 54</u>

## ALEWIFE BROOK.

[Chapter 529 of the Acts of 1906, as amended by Chapter 529 of the Acts of 1907, and Chapter 458 of the Acts of 1911.]<sup>1</sup>

CITIES AND TOWNS	Assessment	Interest	Total	Proportion of Total (Per Cent)
Arlington . . . . .	\$1,636 79	\$243 51	\$1,880 30	24
Belmont . . . . .	1,159 39	172 49	1,331 88	17
Cambridge . . . . .	3,205 37	476 88	3,682 25	47
Somerville . . . . .	818 39	121 76	940 15	12
	<u>\$6,819 94</u>	<u>\$1,014 64</u>	<u>\$7,834 58</u>	<u>100</u>

<sup>1</sup> This table includes the seventeenth assessment and interest under Chapters 529 of the Acts of 1906 and 1907, and the fourteenth assessment and interest under Chapter 458 of the Acts of 1911.

## STATEMENT III.

### METROPOLITAN SEWERAGE DISTRICT.

#### *Debt, North System.*

Gross sewerage, north system, debt, April 1, 1927:

Bonds outstanding (sinking fund) . . . . .	\$6,563,000 00
Bonds outstanding (serial) . . . . .	1,254,500 00
	<u>\$7,817,500 00</u>

a decrease for the year of \$94,500.

Sinking fund, April 1, 1927 . . . . .	<u>5,251,053 34</u>
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an increase for the year of \$362,202.50.

Net sewerage, north system, debt, April 1, 1927 . . . . .	\$2,566,446 66
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a decrease for the year of \$456,702.50.

#### *Assessment, North System.*

Sinking fund . . . . .	\$195,401 92
Serial bonds . . . . .	92,500 00

Interest:

One year on \$7,789,500 . . . \$251,515 00

Four months on 14,500 . . . 193 33

Interest on advances and tempo-

rary loans, estimated 1927 . . . 5,000 00

\$256,708 33

Adjustment of interest charges in 1926 . . . 6,724 82

249,983 51

Maintenance as appropriated by Legislature . . . \$353,500 00

Less balance on hand . . . . . 22,271 97

331,228 03

Metropolitan Sewerage construction, North System, appropriation,

1927 . . . . . 23,021 55

Total north metropolitan sewerage assessment . . . . . \$892,135 01

## NORTH METROPOLITAN SEWERAGE DISTRICT.

*Everett and Malden, Special Assessments (Chapter 512, Acts of 1911).*

Bonds issued . . . . .	\$62,000 00	
Previously assessed . . . . .	34,000 00	
Outstanding . . . . .	\$28,000 00	
Assessment for 1927 is made up as follows:		
Serial bonds due Jan. 1, 1928 . . . . .		\$2,000 00
Interest:		
One year on \$28,000 . . . . .	980 00	
Four months on 2,000 . . . . .	23 33	
		1,003 33
		\$3,003 33

Everett and Malden, one-half each.

## METROPOLITAN SEWERAGE DISTRICT.

*Debt, South System.*

Gross sewerage, south system, debt, April 1, 1927:		
Bonds outstanding (sinking fund) . . . . .	\$8,877,912 00	
Bonds outstanding (serial). . . . .	850,000 00	
		\$9,727,912 00
a decrease for the year of \$32,000.00.		
Sinking fund, April 1, 1927 . . . . .		3,465,169 77
an increase for the year of \$292,776.40.		
Net sewerage, south system, debt, April 1, 1927 . . . . .		\$6,262,742 23
a decrease for the year of \$324,776.40.		

*Assessment, South System.*

Sinking fund . . . . .		\$186,073 12
Serial bonds . . . . .		32,000 00
Interest:		
One year on \$9,727,912.00 . . . . .	\$336,042 36	
Interest on advances and tempo- rary loans, estimated 1927 . . . . .	10,000 00	
	\$346,042 36	
Adjustment of interest charges in 1926 . . . . .	1,983 74	
		344,058 62
Maintenance as appropriated by Legislature . . . . .	\$213,000 00	
Less balance on hand . . . . .	8,881 97	
		204,118 03
Metropolitan sewerage construction, south system, appropriation, 1927 . . . . .		2,239 75
Total south metropolitan sewerage assessment . . . . .		\$768,489 52

## METROPOLITAN SEWERAGE LOAN.

*North System — Assessment.*

CITIES AND TOWNS	Sinking Fund	Serial Bonds	Interest	Maintenance	Construction	Total
Arlington . . .	\$8,578 14	\$4,060 75	\$10,974 28	\$11,990 45	\$1,010 65	\$36,614 27
Belmont . . .	5,139 07	2,432 75	6,574 57	7,320 14	605 47	22,072 00
Boston . . .	25,089 61	11,877 00	32,097 88	50,147 93	2,955 97	122,168 39
Cambridge . . .	41,816 01	19,795 00	53,496 47	57,434 94	4,926 61	177,469 03
Chelsea . . .	12,525 26	5,929 25	16,023 94	22,689 12	1,475 68	58,643 25
Everett . . .	13,013 77	6,160 50	16,648 90	20,204 91	1,533 24	57,561 32
Lexington . . .	2,344 82	1,110 00	2,999 80	2,384 84	276 26	9,115 72
Malden . . .	12,818 37	6,068 00	16,398 92	24,875 23	1,510 22	61,670 74
Medford . . .	11,919 52	5,642 50	15,248 99	22,854 73	1,404 31	57,070 05
Melrose . . .	6,194 24	2,932 25	7,924 48	9,671 86	729 78	27,452 61
Reading . . .	2,852 87	1,350 50	3,649 76	4,173 47	336 11	12,362 71
Revere . . .	7,913 78	3,746 25	10,124 33	15,965 19	932 37	38,681 92
Somerville . . .	23,585 01	11,164 75	30,173 01	47,531 22	2,778 70	115,232 69
Stoneham . . .	2,247 12	1,063 75	2,874 81	4,372 21	264 75	10,822 64
Wakefield . . .	4,533 32	2,146 00	5,799 62	7,485 75	534 10	20,498 79
Winchester . . .	5,647 12	2,673 25	7,224 52	5,564 63	665 32	21,774 84
Winthrop . . .	4,631 03	2,192 25	5,924 61	7,750 74	545 61	21,044 24
Woburn . . .	4,552 86	2,155 25	5,824 62	8,810 67	536 40	21,879 80
	\$195,401 92	\$92,500 00	\$249,983 51	\$331,228 03	\$23,021 55 <sup>1</sup>	\$892,135 01 <sup>2</sup>

<sup>1</sup> See Item 709a of Chapter 138 of the Acts of 1927.<sup>2</sup> Exclusive of \$3,003.33 special assessments on Everett and Malden which are included on page 4.

## METROPOLITAN SEWERAGE LOAN, NORTH SYSTEM, SINKING FUND.

BONDS ISSUED AND AMOUNTS ALREADY PROVIDED FOR	Due Dates	Sinking Fund Dec. 1, 1926	Amount of Dec. 1, 1926 Sinking Fund at Maturity of Loan. Ac- cumulations reckoned at 3½ Per Cent	Balance	Portion of Balance to be provided for this Year	Sinking Fund Re- quirements for 1927
\$5,330,000 (4,730,375)	Jan., 1930 Sunk	\$4,645,424 02	\$5,193,152 63	\$4,867,222 37	\$182,520 84	\$169,450 16
265,000 (235,188)	Jan., 1930 Sunk	219,640 42	245,537 59	254,650 41	9,549 39	8,865 54
200,000 (172,248)	Jan., 1930 Sunk	171,747 40	191,997 64	180,250 36	8,336 58	7,739 58
250,000 (106,249)	July, 1943 Sunk	62,646 78	115,645 91	240,603 09	8,020 10	4,509 03
50,000 (21,251)	Jan., 1943 Sunk	12,733 87	23,074 08	48,176 92	1,605 90	919 79
55,000 (23,375)	July, 1943 Sunk	16,072 62	29,670 04	48,704 96	1,623 50	912 76
300,000 (77,500)	Jan., 1949 Sunk	41,663 75	94,348 22	283,151 78	4,719 20	2,162 86
113,000 (29,191)	Jan., 1949 Sunk	14,101 71	31,933 54	110,257 46	1,837 62	842 20
\$6,563,000 (5,395,377)	- Sunk	\$5,184,030 57	\$5,925,359 65	\$6,033,017 35	\$218,213 13	\$195,401 92

## METROPOLITAN SEWERAGE LOAN, NORTH SYSTEM.

*Amounts provided for and to be provided for.*

BONDS ISSUED	Due Dates	Amount provided for	Amount to be provided for	1927
\$5,330,000	1930	1/8 + 1/6 + 1/3 + 21/80	9/80	3/80
265,000	1930	70/240 + 1/3 + 21/80	9/80	3/80
200,000	1930	49/240 + 1/3 + 777/2400	333/2400	111/2400
300,000	1943	1/8 + 1/6 + 4/30	6/30 + 3/8	1/30
55,000	1943	1/8 + 1/6 + 4/30	6/30 + 3/8	1/30
300,000	1949	1/8 + 8/60	2/60 + 1/3 + 3/8	1/60
113,000	1949	1/8 + 8/60	2/60 + 1/3 + 3/8	1/60



## NORTH METROPOLITAN SYSTEM.

*Ratios of Contribution on the Basis of the Valuations of 1925 and the Census Returns of 1925. Assessment made by the Metropolitan District Commission.*

CITIES AND TOWNS	State Valuation, Acts of 1925, Chapter 212	Proportion for Interest, Sinking Funds and Serial Bonds (Per Cent)	Population, State Census, 1925	Proportion for Main- tenance and Operation (Per Cent)
Arlington . . . . .	\$41,875,036	4.39	24,943	3.62
Belmont . . . . .	25,077,267	2.63	15,256	2.21
Boston:				
Charlestown and East Boston . . . . .	122,482,599	12.84	104,452	15.14
Cambridge . . . . .	204,067,353	21.40	119,669	17.34
Chelsea . . . . .	61,162,070	6.41	47,247	6.85
Everett . . . . .	63,574,863	6.66	42,072	6.10
Lexington . . . . .	11,470,399 <sup>1</sup>	1.20	5,000 <sup>2</sup>	0.72
Malden . . . . .	62,564,379	6.56	51,789	7.51
Medford . . . . .	58,184,383	6.10	47,627	6.90
Melrose . . . . .	30,199,728	3.17	20,165	2.92
Reading . . . . .	13,901,987	1.46	8,693	1.26
Revere . . . . .	38,637,306	4.05	33,261	4.82
Somerville . . . . .	115,116,241	12.07	99,032	14.35
Stoneham . . . . .	10,931,340	1.15	9,084	1.32
Wakefield . . . . .	22,134,701	2.32	15,611	2.26
Winchester . . . . .	27,581,674	2.89	11,565	1.68
Winthrop . . . . .	22,628,616	2.37	16,158	2.34
Woburn . . . . .	22,192,645	2.33	18,370	2.66
Totals . . . . .	\$953,782,587	100.00	689,994	100.00

<sup>1</sup> 76% of the Town Valuation, derived from figures certified by the Board of Assessors of Lexington.

<sup>2</sup> See Letter of F. J. Spencer, Sec'y of the Board of Assessors.

## METROPOLITAN SEWERAGE LOAN.

*South System — Assessment.*

CITIES AND TOWNS	Sinking Fund	Serial Bonds	Interest	Maintenance	Construction	Total
Boston . . . . .	\$80,420 80	\$13,830 40	\$148,702 13	\$108,835 73	\$968 01	\$352,757 07
Brookline . . . . .	27,222 50	4,681 60	50,335 78	15,635 44	327 68	98,203 00
Dedham . . . . .	3,740 07	643 20	6,915 58	4,837 60	45 02	16,181 47
Milton . . . . .	5,358 90	921 60	9,908 89	4,715 13	64 50	20,969 02
Needham . . . . .	3,256 30	560 00	6,021 02	3,286 30	39 20	13,162 82
Newton . . . . .	23,110 27	3,974 40	42,732 08	19,411 63	278 18	89,506 56
Quincy . . . . .	18,570 10	3,193 60	34,337 05	22,003 92	223 53	78,328 20
Waltham . . . . .	10,252 63	1,763 20	18,957 63	12,736 97	123 41	43,833 84
Watertown . . . . .	8,373 29	1,440 00	15,482 64	9,328 19	100 79	34,724 91
Wellesley . . . . .	5,768 26	992 00	10,665 82	3,327 12	69 43	20,822 63
	\$186,073 12	\$32,000 00	\$344,058 62	\$204,118 03	\$2,239 75 <sup>1</sup>	\$768,489 52 <sup>2</sup>

<sup>1</sup> See item 710a of Chapter 138 of the Acts of 1927.

<sup>2</sup> Needham is also assessed \$11,103.38 under Section 2 of Chapter 59 of the Acts of 1924.

## METROPOLITAN SEWERAGE LOAN, SOUTH SYSTEM, SINKING FUND.

BONDS ISSUED AND AMOUNTS ALREADY PROVIDED FOR	Due Dates	Sinking Fund Dec. 1, 1926	Amount of Dec. 1, 1926 Sinking Fund at Maturity of Loan. Ac- cumulations reckoned at 3½ Per Cent	Balance	Portion of Balance to be provided for this Year	Sinking Fund Re- quirements for 1927
\$800,000 (710,000)	Jan., 1930 Sunk	\$698,431 37	\$780,781 41	\$729,218 59	\$27,345 70	\$25,387 42
839,000 (587,300)	Mar., 1935 Sunk	476,945 84	642,023 63	784,276 37	29,410 36	22,675 33
65,000 (43,063)	Mar., 1936 Sunk	33,672 84	47,043 21	61,019 79	2,288 24	1,699 89
1,024,912 (572,243)	July, 1939 Sunk	394,514 88	627,702 60	969,452 40	32,315 08	21,079 00
3,586,000 (1,882,650)	July, 1940 Sunk	1,242,677 58	2,052,032 54	3,416,617 46	113,887 25	71,578 83
996,000 (423,300)	Jan., 1943 Sunk	254,001 20	460,256 21	959,043 79	31,968 12	18,310 00
392,000 (153,533)	July, 1944 Sunk	86,473 96	165,673 14	379,859 86	12,661 99	6,859 15
175,000 (56,875)	Jan., 1946 Sunk	39,058 64	79,120 08	152,754 92	5,091 83	2,608 79
1,000,000 (325,000)	Jan., 1946 Sunk	195,230 94	395,474 30	929,525 70	30,984 19	15,874 71
\$8,877,912 (4,753,964)	- Sunk	\$3,421,007 25	\$5,250,107 12	\$8,381,768 88	\$285,952 76	\$186,073 12

## METROPOLITAN SEWERAGE LOAN, SOUTH SYSTEM.

*Amounts provided for and to be provided for.*

BONDS ISSUED	Due Dates	Amount provided for	Amount to be provided for	1927
\$800,000	1930	1/8 + 1/6 + 1/3 + 21/80	9/80	3/80
839,000	1935	1/8 + 1/6 + 1/3 + 6/80	24/80	3/80
65,000	1936	1/8 + 1/6 + 1/3 + 3/80	27/80	3/80
1,024,912	1939	1/8 + 1/6 + 8/30	2/30 + 3/8	1/30
3,586,000	1940	1/8 + 1/6 + 7/30	3/30 + 3/8	1/30
996,000	1943	1/8 + 1/6 + 4/30	6/30 + 3/8	1/30
392,000	1944	1/8 + 1/6 + 3/30	7/30 + 3/8	1/30
175,000	1946	1/8 + 1/6 + 1/30	9/30 + 3/8	1/30
1,000,000	1946	1/8 + 1/6 + 1/30	9/30 + 3/8	1/30

## SOUTH METROPOLITAN SYSTEM.

*Ratios of Contribution on the Basis of the Valuations of 1925 and the Census Returns of 1925. Assessment made by the Metropolitan District Commission.*

CITIES AND TOWNS	State Valuation, Acts of 1925, Chapter 212	Proportion for Interest, Sinking Funds and Serial Bonds (Per Cent)	Population, State Census, 1925	Proportion for Main- tenance and Operation (Per Cent)
Boston	\$441,641,788	43.22	297,116	53.32
Brighton . . .	\$97,907,307			
Back Bay . . .	102,202,995			
Roxbury . . .	58,264,077			
West Roxbury . . .	64,131,711			
Dorchester . . .	95,544,567			
Hyde Park . . .	23,594,131			
Brookline . . .	149,521,993	14.63	42,681	7.66
Dedham . . .	20,534,210 <sup>1</sup>	2.01	13,230 <sup>2</sup>	2.37
Milton . . .	29,460,067	2.88	12,861	2.31
Needham . . .	17,804,996	1.75	8,977	1.61
Newton . . .	126,955,555	12.42	53,003	9.51
Quincy . . .	101,996,678	9.98	60,055	10.78
Waltham . . .	56,311,341	5.51	34,746	6.24
Watertown . . .	45,945,293	4.50	25,480	4.57
Wellesley . . .	31,708,106	3.10	9,049	1.63
	\$1,021,883,027	100.00	557,198	100.00

<sup>1</sup> 95.9 per cent of the town valuation, derived from figures certified by the Board of Assessors of Dedham.<sup>2</sup> After deducting 688. Population of outer area of Dedham.

## METROPOLITAN PARKS AND SEWERAGE LOANS.

*Comparison of Assessments, 1926 and 1927.*

CITIES AND TOWNS	PARKS		SEWER	
	1926	1927	1926	1927
Arlington . . . . .	\$34,057 93	\$32,292 46	\$35,026 50	\$36,614 27
Belmont . . . . .	20,694 14	19,626 89	21,117 08	22,072 00
Boston . . . . .	1,687,954 89	1,663,799 39	464,904 70	474,925 46
Braintree . . . . .	15,436 51	14,619 73	-	-
Brookline . . . . .	102,157 03	96,597 52	97,153 62	98,203 00
Cambridge . . . . .	376,932 20	266,989 42	169,756 51	177,469 03
Canton . . . . .	7,565 46	7,163 19	-	-
Chelsea . . . . .	49,837 28	47,216 46	56,185 00	58,643 25
Cohasset . . . . .	273 37	271 49	-	-
Dedham . . . . .	16,731 07	15,844 51	15,957 03	16,181 47
Dover . . . . .	2,542 78	2,404 34	-	-
Everett . . . . .	49,901 17	47,258 86	56,634 82	59,062 98
Hingham . . . . .	9,645 46	9,127 89	-	-
Hull . . . . .	12,379 75	11,697 30	-	-
Lexington . . . . .	-	-	8,705 81	9,115 72
Lynn . . . . .	111,823 36	105,932 67	-	-
Malden . . . . .	56,509 15	52,934 49	60,646 93	63,172 41
Medford . . . . .	53,790 05	50,215 20	54,696 60	57,070 05
Melrose . . . . .	23,752 91	22,495 67	26,278 73	27,452 61
Milton . . . . .	21,330 82	20,183 62	20,713 59	20,969 02
Nahant . . . . .	4,007 78	3,789 54	-	-
Needham . . . . .	13,217 27	12,509 91	12,995 02	24,266 20
Newton . . . . .	91,269 22	86,353 65	88,432 52	89,506 56
Quincy . . . . .	92,338 10	199,334 71	77,273 97	78,328 20
Reading . . . . .	-	-	11,829 64	12,362 71
Revere . . . . .	32,405 85	30,710 46	37,084 74	38,681 92
Saugus . . . . .	10,371 63	9,836 29	-	-
Somerville . . . . .	101,388 80	95,587 59	110,474 00	115,232 69
Stoneham . . . . .	9,963 71	9,323 75	10,373 46	10,822 64
Swampscott . . . . .	15,206 80	14,388 23	-	-
Wakefield . . . . .	17,634 18	16,703 00	19,628 68	20,498 79
Waltham . . . . .	43,519 12	41,208 04	43,234 22	43,833 84
Watertown . . . . .	102,141 23	32,880 16	34,267 27	34,724 91
Wellesley . . . . .	21,663 20	20,484 24	20,599 86	20,822 63
Weston . . . . .	6,080 48	5,750 81	-	-
Westwood . . . . .	2,993 13	2,831 81	-	-
Weymouth . . . . .	19,316 25	18,296 78	-	-
Winchester . . . . .	19,842 11	18,773 61	20,792 47	21,774 84
Winthrop . . . . .	18,081 34	17,127 10	20,152 56	21,044 24
Woburn . . . . .	18,414 87	17,449 63	20,971 03	21,879 80
	\$3,293,170 40	\$3,140,010 41	\$1,615,886 36	\$1,674,731 24

## STATEMENT IV.

## CHARLES RIVER BASIN LOAN.

Gross Charles River Basin debt, April 1, 1927:

Bonds outstanding (sinking fund) . . . . \$4,125,000 00

Bonds outstanding (serial) . . . . . 223,000 00

\$4,348,000 00

a decrease for the year of \$10,000.

Sinking fund, April 1, 1927 . . . . . 1,840,728 97

an increase for the year of \$170,225.90.

Net Charles River Basin debt, April 1, 1927 . . . . \$2,507,271 03

a decrease for the year of \$180,225.90.

*Total Charles River Basin Assessment for 1927 — District.*

Serial bonds . . . . .		\$10,000 00	
Interest:			
One year on \$4,125,000 00 .	\$142,250 00		
Six months on 233,000 00 .	4,210 00		
Six months on 223,000 00 .	4,030 00		
Interest on advances and tempo- rary loans, estimated 1927 .	5,000 00		
		\$155,490 00	
Adjustment of interest charges in 1926 . . . . .	62 63		
Interest on Bridge . . . . .	41,381 82		
		41,444 45	
			114,045 55
Maintenance as appropriated by Legislature .	201,500 00		
Less balance on hand . . . . .	12,091 62		
			189,408 38
Total Charles River Basin Assessment . . . . .			\$313,453 93

*Charles River Bridge.*

Sinking fund . . . . .	\$10,249 43	
Interest . . . . .	41,381 82	
		\$51,631 25

Boston and Cambridge, one-half each.

## CHARLES RIVER BASIN LOAN SINKING FUND.

*District.*

BONDS ISSUED	Due Dates	Sinking Fund Dec. 1, 1926	Amount Dec. 1, 1926 Sinking Fund at Ma- turity of Loan. Accumulations reckoned at 3½ Per Cent	Balance to be provided for	Sinking Fund Requirements for 1927
\$177,272 73	Jan., 1944	\$95,700 59	\$179,975 65	—	—
283,636 36	Jan., 1945	147,536 46	287,961 04	—	—
425,454 55	Jan., 1946	213,233 48	431,941 58	—	—
815,454 55	Jan., 1947	393,791 86	827,888 02	—	—
283,636 36	Jan., 1948	131,975 59	287,961 03	—	—
602,727 28	Jan., 1949	270,219 90	611,917 22	—	—
336,818 17	Jan., 1950	145,497 91	341,953 73	—	—
\$2,925,000 00	—	\$1,397,955 79	\$2,969,598 27	—	—

*Boston and Cambridge, Charles River Bridge.*

\$72,727 27	Jan., 1944	\$34,515 37	\$64,910 01	\$7,817 26	\$336 01
116,363 64	Jan., 1945	54,957 02	107,264 88	9,098 76	361 84
174,545 45	Jan., 1946	70,061 50	141,921 78	32,623 67	1,203 95
334,545 45	Jan., 1947	118,118 69	248,326 74	86,218 71	2,960 51
116,363 64	Jan., 1948	37,056 79	80,855 19	35,508 45	1,137 17
247,272 72	Jan., 1949	70,346 97	159,301 82	87,970 90	2,633 29
138,181 83	Jan., 1950	34,257 31	80,512 60	57,669 23	1,616 66
\$1,200,000 00	—	\$419,313 65	\$883,093 02	\$316,906 98	\$10,249 43



## ANALYSIS OF CHARLES RIVER BASIN DEBT, JULY 1, 1927.

DEBT	Total	Cambridge, Charles River Bridge	Boston, Charles River Bridge	District
Gross debt . . . .	\$4,348,000 00	\$600,000 00	\$600,000 00	\$3,148,000 00
Sinking fund . . . .	1,850,514 07	213,492 23	213,492 23	1,423,529 61
	\$2,497,485 93	\$386,507 77	\$386,507 77	\$1,724,470 39

## CHARLES RIVER BASIN LOAN — ASSESSMENT.

(For Table of percentages see page 12.)

CITIES AND TOWNS	Serial Bonds	Interest	Maintenance	Total
Arlington . . . . .	\$111 20	\$1,268 17	\$2,106 19	\$3,485 56
Belmont . . . . .	66 59	759 45	1,261 31	2,087 35
Boston . . . . .	5,574 22	63,571 42	105,580 29	174,725 93
Braintree . . . . .	52 01	593 18	985 16	1,630 35
Brookline . . . . .	397 05	4,528 21	7,520 51	12,445 77
Cambridge . . . . .	541 90	6,180 08	10,263 98	16,985 96
Canton . . . . .	26 17	298 41	495 61	820 19
Chelsea . . . . .	162 42	1,852 27	3,076 27	5,090 96
Dedham . . . . .	56 83	648 07	1,076 33	1,781 23
Dover . . . . .	9 90	112 96	187 61	310 47
Everett . . . . .	168 82	1,925 34	3,197 63	5,291 79
Hingham . . . . .	34 97	398 81	662 35	1,096 13
Hull . . . . .	51 10	582 77	967 88	1,601 75
Lynn . . . . .	367 89	4,195 63	6,968 16	11,531 68
Malden . . . . .	166 14	1,894 74	3,146 80	5,207 68
Medford . . . . .	154 51	1,762 09	2,926 50	4,843 10
Melrose . . . . .	80 19	914 59	1,518 96	2,513 74
Milton . . . . .	78 23	892 19	1,481 75	2,452 17
Nahant . . . . .	15 63	178 25	296 04	489 92
Needham . . . . .	47 28	539 22	895 54	1,482 04
Newton . . . . .	337 13	3,844 80	6,385 49	10,567 42
Quincy . . . . .	270 85	3,088 93	5,130 13	8,489 91
Revere . . . . .	102 60	1,170 11	1,943 34	3,216 05
Saugus . . . . .	30 35	346 18	574 93	951 46
Somerville . . . . .	305 69	3,486 25	5,790 01	9,581 95
Stoneham . . . . .	29 03	331 05	549 87	909 89
Swampscott . . . . .	56 03	638 95	1,061 18	1,756 16
Wakefield . . . . .	58 78	670 34	1,113 31	1,842 43
Waltham . . . . .	149 53	1,705 37	2,832 29	4,687 19
Watertown . . . . .	122 01	1,391 43	2,310 91	3,824 35
Wellesley . . . . .	84 20	960 27	1,594 82	2,639 29
Weston . . . . .	23 20	264 59	439 43	727 22
Westwood . . . . .	11 09	126 52	210 13	347 74
Weymouth . . . . .	64 20	732 22	1,216 08	2,012 50
Winchester . . . . .	73 24	835 30	1,387 28	2,295 82
Winthrop . . . . .	60 09	685 30	1,138 15	1,883 54
Woburn . . . . .	58 93	672 09	1,116 22	1,847 24
	\$10,000 00	\$114,045 55	\$189,408 38	\$313,453 93 <sup>1</sup>

<sup>1</sup> Exclusive of \$51,631.25 special assessments on Boston and Cambridge, and \$9,177.88 embankment interest on Boston, which are included on page 4.

	Metropolitan Parks	Metropolitan Parks, Nautasket	Metropolitan Parks, Boulevards	Metropolitan Sewerage, North System	Metropolitan Sewerage, South System	Metropolitan Water	Charles River Basin	TOTAL	
Bonds outstanding (Sinking Fund)	\$8,775,000 00	\$700,000 00	\$2,567,500 00	\$6,563,000 00	\$8,877,912 00	\$41,398,000 00	\$4,125,000 00		1
Bonds outstanding (Serial)	77,250 00	402,863 01	1,678,875 00	1,256,500 00	850,000 00	3,546,000 00	223,000 00		2
Gross debt	\$8,852,250 00	\$700,000 00	\$4,246,375 00	\$7,817,500 00	\$9,727,912 00	\$44,944,000 00	\$4,348,000 00		3
Sinking Funds, July 1, 1927	5,355,079 75	402,863 01	1,462,061 60	5,279,042 36	3,483,500 19	24,082,791 42	1,850,514 07		4
Net debt	\$3,507,170 25	\$297,136 99	\$2,784,313 40	\$2,538,457 64	\$6,244,421 81	\$20,861,208 58	\$2,497,485 93		5
	For percentages see page 14	For percentages see page 12	For percentages see page 12	For percentages see page 25	For percentages see page 26	For percentages see page 7	For percentages see page 12		6
Arlington	\$38,999 16	\$3,295 71	\$27,627 94	\$110,209 09	-	\$273,427 86	\$19,175 82	\$472,735 58	7
Belmont	23,355 02	1,973 67	16,545 25	66,025 04	-	14,086,322 48	11,483 62	299,832 06	8
Boston	1,954,971 82	165,209 80	1,511,184 15	322,342 76	-	17,068,956 29	22,086,591 30	22,086,591 30	9
Braintree	18,241 64	1,541 55	12,922 82	-	-	8,969 39	41,675 40	41,675 40	10
Brockline	13,253 17	11,767 93	93,650 28	-	-	801,007 83	2,032,694 07	2,032,694 07	11
Cambridge	190,052 48	16,060 85	134,637 73	537,237 93	-	479,956 29	1,357,945 28	1,357,945 28	12
Canton	9,176 91	775 51	6,501 15	-	-	4,512 28	20,965 85	20,965 85	13
Chelsea	56,961 60	4,813 68	40,352 96	160,920 33	-	490,551 32	781,607 82	781,607 82	14
Collasset	-	754 85	-	-	-	-	754 85	754 85	15
Dedham	19,929 81	1,684 22	14,118 75	-	-	-	9,799 46	171,043 11	16
Dorchester	3,473 77	293 56	2,460 90	-	-	-	1,708 05	7,836 28	17
Dover	59,208 69	5,003 58	41,944 85	181,196 48	-	686,667 54	29,112 82	1,003,133 96	18
Everett	12,264 30	1,036 42	8,688 32	-	-	-	6,030 34	28,019 38	19
Hingham	17,921 71	1,514 52	12,696 17	-	-	-	40,944 48	40,944 48	20
Hull	-	-	-	-	-	-	-	-	21
Lexington	-	-	-	-	-	-	-	-	22
Lynn	129,025 47	10,903 62	91,404 74	30,125 49	-	91,372 09	121,497 58	121,497 58	23
Malden	58,267 60	4,924 05	41,278 16	178,636 02	-	478,305 79	294,775 46	294,775 46	24
Medford	54,188 41	4,579 33	38,388 37	153,137 92	-	28,650 09	790,111 71	790,111 71	25
Melrose	28,125 68	2,376 83	19,924 91	79,581 51	-	26,644 36	698,418 25	698,418 25	26
Milton	27,436 82	2,318 62	19,436 90	-	-	13,829 36	363,027 01	363,027 01	27
Nahant	5,481 59	463 23	3,883 29	-	-	145,903 20	388,422 74	388,422 74	28
Needham	16,582 19	1,401 32	11,747 22	-	-	30,290 48	42,813 88	42,813 88	29
Newton	118,236 54	9,991 87	83,761 00	-	-	64,628 02	147,159 80	147,159 80	30
Quincy	94,991 78	8,027 52	161,970 92	-	-	790,744 11	1,110,239 53	1,110,239 53	31
Randolph	-	-	-	-	-	-	1,725,624 97	1,725,624 97	32
Revere	35,983 79	3,040 90	25,491 78	36,632 68	-	329,836 57	36,652 68	36,652 68	33
Saugus	10,645 75	899 64	7,541 70	101,673 53	-	17,693 17	513,719 74	513,719 74	34
Somerville	107,210 32	9,060 08	75,950 36	303,012 24	-	5,234 50	24,321 59	24,321 59	35
Stonham	10,180 60	860 34	7,212 18	28,870 26	-	1,073,246 60	52,715 16	52,715 16	36
Swampscott	19,649 32	1,660 51	13,920 05	-	-	84,779 95	136,909 12	136,909 12	37
Wakefield	20,614 54	1,742 08	14,603 83	58,242 62	-	126,502 37	9,661 54	9,661 54	38
Waltham	52,444 01	4,431 91	37,152 59	-	-	10,136 14	105,339 21	105,339 21	39
Watertown	42,789 88	3,616 06	30,313 37	-	-	-	463,877 28	463,877 28	40
Watertown	29,530 47	2,495 55	20,920 09	-	-	317,465 87	696,219 38	696,219 38	41
Wellesley	8,136 64	687 61	5,764 19	-	-	-	261,040 18	261,040 18	42
Weston	-	-	-	-	-	-	18,589 22	18,589 22	43
Westwood	3,890 90	328 81	2,766 41	-	-	-	8,389 27	8,389 27	44
Weymouth	22,517 40	1,902 89	13,951 87	-	-	-	1,913 15	1,913 15	45
Weymouth	25,687 43	2,170 78	18,197 59	72,552 23	-	-	11,071 77	11,071 77	46
Winthrop	21,074 53	1,780 95	14,929 71	59,497 85	-	-	12,630 47	12,630 47	47
Woburn	20,668 51	1,746 64	14,642 06	58,493 66	-	169,038 37	10,162 67	10,162 67	48
	\$3,507,170 25	\$297,136 99	\$2,705,475 16	\$2,538,457 64	\$6,244,421 81	\$20,861,208 58	\$2,497,485 93	\$38,651,256 36	49

1 See page 29 for details.

2 District proportions. 3 Exclusive of \$78,838.24, share of counties of Norfolk and Plymouth and the Bay State Street Railway Company.

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The Commonwealth of Massachusetts

1928

ASSESSMENTS

FOR

INTEREST, SINKING FUNDS,  
SERIAL BONDS AND MAINTENANCE

OF THE

METROPOLITAN DISTRICTS

ISSUED BY THE

TREASURER AND RECEIVER-GENERAL

*Mass. Treasury Department*



# THE COMMONWEALTH OF MASSACHUSETTS

TREASURY DEPARTMENT, Sept. 1, 1928.

Under the provisions of section 11 of chapter 10 of the General Laws the following computations for annual assessments for interest, sinking funds, serial bond payments and maintenance for 1928, to be paid by the cities and towns comprising the Metropolitan Districts, are compiled and printed as a public document and herewith submitted.

The following sections of chapter 92 of the General Laws show the manner of computing the proportions in which the cities and towns of the several metropolitan districts shall annually pay money into the treasury of the Commonwealth to meet the assessments against said districts:—

## *Metropolitan Sewer.*

SECTION 5. The proportions in which each of the towns belonging in whole or in part to the north metropolitan and south metropolitan sewerage districts, respectively, shall annually pay money to the commonwealth to meet interest and sinking fund requirements for each year, as estimated by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him, shall be based upon the respective taxable valuations of the property of said towns, as last established by the general court as a basis of apportionment for state and county taxes.

SECTION 6. The proportions in which each of the towns belonging in whole or in part to either sewerage district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance and operation of the respective sewerage systems, as estimated by the commission and certified by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him, shall be based upon the respective populations of said towns as ascertained by the last preceding state or national census. If less than the whole area of any town is included in either of said metropolitan sewerage systems, the valuation and population only of that part of the town included in either of said systems, as determined by the commission, shall be used as a basis in determining the proportion and amount which it shall pay as its share of interest and sinking fund requirements and of the cost of maintenance and operation of works as required by this and the preceding section.

SECTION 7. The commission shall annually, in accordance with the two preceding sections, determine for each system the proportion in which each of the towns belonging in whole or in part to such system, shall annually pay money to the commonwealth to meet interest and sinking fund requirements and the cost of maintenance and operation of such system, and shall transmit its determinations to the state treasurer.

## *Metropolitan Water.*

SECTION 26. The state treasurer, for the purpose of making the apportionment to the towns in the metropolitan water district of the amount required in each year to pay the interest, sinking fund requirements and expenses of maintenance and operation of the metropolitan water system, shall, in each year, apportion such amount to the towns in said district, one third in proportion to their valuations for the preceding year and the remaining two thirds in proportion to their consumption, in said year, of water received from all sources of supply as determined by the commission and certified to said treasurer; provided, that there shall be included in reckoning such proportion only one fifth of the total valuation, and nothing for consumption of water, for any town which has not reached the safe capacity of its present sources of supply or of the sources of supply of the water company by which it is supplied, determined as aforesaid, or which has not made application to said commission for water; and provided, further, that any town assessed upon its full valuation which obtains a part of its water supply from its own works or receives a supply from a water company shall be allowed and credited in its apportionment with a sum equal to twelve dollars for each million gallons of water furnished as aforesaid, as determined by said commission and certified to said treasurer. The state treasurer shall annually notify each town of the amount of its assessment, and the same shall be paid by the town

to the commonwealth at the time required for the payment of and as part of its state tax. . . .

*Metropolitan Parks.*

SECTION 54. The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles river basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles river basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

SECTION 55. The proportion in which each town of said district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance of reservations, exclusive of Nantasket beach reservation and the Charles river basin, and any deficiency in the amounts previously paid in, as found by said treasurer, shall be apportioned according to the average percentage of valuation and population, determined as to any town by adding together the percentage which the valuation of the same bears to the total valuation of the towns of the district and the percentage which the population of the same bears to the total population of the towns of the district, and dividing this sum by two.

SECTION 56. (As amended by chapter 288 of the Acts of 1925.) The proportion in which each town of the metropolitan parks district, including Cohasset with respect to the maintenance of Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance of said reservation and the Charles river basin and one half the cost of maintenance of boulevards and any deficiency in the amounts previously paid in, as found by said treasurer, shall be based upon the respective taxable valuations of the property of said towns. The remaining half of the cost of maintenance of boulevards shall be annually appropriated by the general court from the Highway Fund.

SECTION 57. The commission shall annually, in accordance with the provisions of the three preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance of reservations and boulevards, and shall transmit the determination of the commission to the state treasurer.

SECTION 58. The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and the deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury at the time required for the payment of its proportion of the state tax.

SECTION 59. For the purposes of the five preceding sections, the words "taxable valuations of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the general court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the latest census, state or national, next prior to such apportionment.

WILLIAM S. YOUNGMAN,  
*Treasurer and Receiver-General.*



*Total Assessments for Metropolitan Districts for 1928.*

CITIES AND TOWNS	Metropolitan Water	Metropolitan Parks and Boulevards	Metropolitan Sewerage North and South Systems	Charles River Basin	Total
Arlington . . . .	\$47,792 80	\$36,930 82	\$41,646 20n	\$5,117 35	\$131,487 17
Belmont . . . .	29,184 23	23,671 82	26,326 78n	3,289 13	82,471 96
Boston . . . .	2,384,682 69	1,375,141 19	107,774 77n 346,641 14s }	206,853 24	4,421,093 03
Braintree . . . .	-	15,702 12	-	2,203 90	17,906 02
Brookline . . . .	135,927 87	95,954 52	97,327 93s	15,047 76	344,258 08
Cambridge . . . .	-	134,322 56	162,393 46n	43,779 34	340,495 36
Canton . . . .	-	6,524 87	-	898 62	7,423 49
Chelsea . . . .	81,650 47	44,435 45	56,990 64n	5,824 48	188,901 04
Cohasset . . . .	-	276 88	-	-	276 88
Dedham . . . .	-	15,613 24	16,497 14s	2,158 28	34,268 66
Dover . . . .	-	2,108 31	-	326 23	2,434 54
Everett . . . .	111,065 54	44,465 76	57,102 81n	6,045 21	218,679 32
Hingham . . . .	-	8,739 49	-	1,276 03	10,015 52
Hull . . . .	-	10,004 43	-	1,643 69	11,648 12
Lexington . . . .	16,062 33	-	8,510 87n	-	24,573 20
Lynn . . . .	-	95,619 15	-	12,474 81	108,093 96
Malden . . . .	86,103 75	50,115 74	62,997 02n	6,218 26	205,434 77
Medford . . . .	78,678 09	51,169 49	60,875 06n	6,480 77	197,203 41
Melrose . . . .	36,443 00	21,679 67	27,025 33n	2,961 86	88,109 86
Milton . . . .	25,011 50	20,310 91	21,407 35s	3,025 92	69,755 68
Nahant . . . .	4,957 56	3,069 66	-	470 37	8,497 59
Needham . . . .	-	12,323 89	24,303 93s	1,787 14	38,414 96
Newton . . . .	11,275 26	87,314 44	91,478 84s	13,103 25	203,171 79
Quincy . . . .	138,964 19	196,440 99	87,701 71s	11,825 48	434,932 37
Reading . . . .	-	-	12,679 35n	-	12,679 35
Revere . . . .	57,381 20	29,085 54	37,941 97n	3,715 29	128,124 00
Saugus . . . .	-	10,191 54	-	1,256 53	11,448 07
Somerville . . . .	184,445 15	89,585 40	113,077 87n	11,075 88	398,184 30
Stoneham . . . .	13,391 79	9,446 73	11,397 10n	1,198 74	35,434 36
Swampscott . . . .	20,899 13	15,866 88	-	2,409 31	39,175 32
Wakefield . . . .	-	16,146 13	20,270 95n	2,181 26	38,598 34
Waltham . . . .	-	38,260 15	42,442 32s	5,262 19	85,964 66
Watertown . . . .	58,009 77	33,628 43	36,247 88s	4,835 69	132,721 77
Wellesley . . . .	-	19,888 08	20,234 05s	3,110 52	43,232 65
Weston . . . .	-	5,286 31	-	806 00	6,092 31
Westwood . . . .	-	2,563 29	-	378 45	2,941 74
Weymouth . . . .	-	25,529 72	-	3,758 11	29,287 83
Winchester . . . .	-	18,875 41	21,884 51n	2,828 16	43,588 08
Winthrop . . . .	29,329 82	17,120 47	21,376 84n	2,329 23	70,156 36
Woburn . . . .	-	15,082 52	19,980 44n	1,879 75	36,942 71
	\$3,551,256 14	\$2,698,492 00 <sup>1</sup>	\$1,654,534 26 <sup>2</sup>	\$399,836 23 <sup>3</sup>	\$8,304,118 63

n North System.

s South System.

<sup>1</sup> Includes \$46,488.67 special assessments for Alewife Brook, Neponset Bridge and Wellington Bridge; \$25,602.48 Division of Metropolitan Planning; \$92,500.00 on account of cost of construction of street or way in Brookline; \$168,750.00 on account of cost of construction of Traffic Artery in Cambridge and \$482,414.29 on account of cost of construction of Southern Traffic Route.

<sup>2</sup> Includes \$2,933.33 special assessment on Everett and Malden and \$11,103.38 special assessment on Needham.

<sup>3</sup> Includes \$51,669.67 special assessments on Boston and Cambridge.

*Special Metropolitan Districts Assessments for 1928.*

CITIES AND TOWNS	Alewile Brook	Neponset Bridge, Serial Bonds and Interest	Neponset Bridge Deficiency	Wellington Bridge Maintenance	Metropolitan Sewerage	Charles River Basin Bridge, Sinking Fund and Interest	Southern Traffic Route	Total
Arlington	\$1,823 02	—	—	—	—	—	—	\$1,823 02
Belmont	1,291 30	—	—	—	—	—	—	1,291 30
Boston	—	\$15,233 47	\$2,588 24	—	—	\$25,834 83	\$139,834 08	183,490 62
Cambridge	3,570 06	—	—	—	—	25,834 84	—	29,404 90
Everett	—	—	—	—	\$1,466 67 <sup>n4</sup>	—	—	1,466 67
Malden	—	—	—	\$2,356 76	1,466 66 <sup>n4</sup>	—	—	3,823 42
Medford	—	—	—	2,900 63	—	—	—	2,900 63
Needham	—	—	—	—	11,103 38 <sup>s5</sup>	—	—	11,103 38
Quincy	—	11,425 10	1,941 18	—	—	—	101,373 06	114,739 34
Somerville	911 50	—	—	1,994 19	—	—	—	2,905 69
Stoneham	—	—	—	453 22	—	—	—	453 22
	\$7,595 38 <sup>1</sup>	\$26,658 57 <sup>2</sup>	\$4,529 42	\$7,704 80 <sup>3</sup>	\$14,036 71	\$51,669 67	\$241,207 14 <sup>6</sup>	\$353,402 19

<sup>1</sup> Eighteenth assessment under Chapter 529, Acts of 1907 (total assessments, 20) and fifteenth assessment under Chapter 458, Acts of 1911 (total assessments, 20).

<sup>2</sup> Thirteenth assessment under Chapter 300, General Acts of 1915 (total assessments, 18) and sixth assessment under Chapter 220, General Acts of 1917 and Chapter 380, Acts of 1922 (total assessments, 20).

<sup>3</sup> Thirteenth assessment under Chapter 295, Acts of 1916.

<sup>4</sup> Seventeenth assessment under Chapter 512, Acts of 1911 (total assessments, 29).

<sup>5</sup> Second assessment under Chapter 59, Acts of 1924 (total assessments, 5).

<sup>6</sup> See page 24 for details.



*Assessments on Counties and Street Railway for 1928.*

	Neponset Bridge, Serial Bonds and Interest	Neponset Bridge Deficiency	Total
Norfolk County . . . . .	\$3,808 37	\$647 06	\$4,455 43
Plymouth County . . . . .	1,904 18	323 52	2,227 70
Bay State Street Railway Company . . . . .	4,935 00	—	4,935 00
	<u>\$10,647 55<sup>1</sup></u>	<u>\$970 58<sup>2</sup></u>	<u>\$11,618 13</u>

<sup>1</sup> Thirteenth assessment under Chapter 300, General Acts of 1915 (total assessments, 18), and sixth assessment under Chapter 220, General Acts of 1917 and Chapter 380, Acts of 1922 (total assessments, 20).

<sup>2</sup> For details see page 23.

## STATEMENT I.

## METROPOLITAN WATER DISTRICT.

*Total Water Debt, April 1, 1928.*

Under Metropolitan District Commission:

Gross water debt, April 1, 1928:

Bonds outstanding (sinking fund)	.	.	\$41,398,000 00
Bonds outstanding (serial).	.	.	3,431,000 00

a decrease for the year of \$115,000 00.

Sinking Fund, April 1, 1928	.	.	.	25,106,415 33
-----------------------------	---	---	---	---------------

an increase for the year of \$1,179,518.61.

Net debt, April 1, 1928	.	.	.	\$19,722,584 67
-------------------------	---	---	---	-----------------

a decrease for the year of \$1,294,518.61.

Under Metropolitan District Water Supply Commission:

Gross (and Net) Debt, April 1, 1928	.	.	.	950,000 00
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Total net water debt	.	.	.	<u>\$20,672,584 67</u>
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*Total Water Assessments for 1928.*

Sinking fund requirements (under Metropolitan District Commission)	.	.	.	\$167,756 36
--	---	---	---	--------------

Serial Bonds:

Under Metropolitan District Commission	.	\$115,000 00
--	---	--------------

Under Metropolitan Water Supply

Commission . \$50,000 00

Less: Premium . \$18,000 00

Rents and

Sales . 3,033 03      21,033 03      28,966 97

Total Serial Bond assessment	.	.	.	143,966 97
------------------------------	---	---	---	------------

Interest:

Under Metropolitan District Commission:

One year on \$41,398,000 \$1,393,435 00

Six months on 3,546,000 70,507 50

Six months on 3,431,000 68,223 75

Interest on advances and temporary loans, estimated, 1928 . 35,000 00

Adjustment of interest charges in 1927 . 209 84

\$1,567,376 09

Under Metropolitan District Water Supply Commission:

Six months on \$1,000,000 \$18,125 00

Six months on 950,000 17,250 00

Interest on advances and temporary loans, estimated, 1928 . 20,000 00

\$55,375 00

Less adjustment of interest charges in 1927 . 1,771 89

53,603 11

Total Interest assessment	.	.	.	1,620,979 20
---------------------------	---	---	---	--------------

Maintenance as appropriated by

Legislature . \$1,176,000 00

Less balance on hand . 10,690 06      \$1,165,309 94

Pensions (chapter 251, Acts of 1928) . 46,143 65

1,211,453 59

Credit to Brookline for water furnished	.	.	.	102,100 02
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Metropolitan Water construction appropriation, 1928	.	.	.	305,000 00
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Total Metropolitan Water assessment.	.	.	.	<u>\$3,551,256 14</u>
--------------------------------------	---	---	---	-----------------------

## METROPOLITAN WATER LOAN.

*Sinking Fund.*

BONDS ISSUED	Due Dates	Sinking Fund Dec. 1, 1927	Amount of Dec. 1, 1927, Sinking Fund at Maturity of Loan Accumulations reckoned at 4 Per Cent.	Balance to be provided for	Sinking Fund Requirements for 1928
\$13,000,000	July, 1935	\$9,570,229 88	\$12,880,269 31	\$119,730 69	\$15,140 66
4,000,000	Jan., 1938	2,597,867 34	3,860,294 17	139,705 83	11,614 66
4,000,000	July, 1939	2,384,425 35	3,759,998 55	240,001 45	17,759 01
10,000,000	Jan., 1941	5,408,701 67	9,051,019 27	948,980 73	56,931 68
3,500,000	Jan., 1942	1,800,426 13	3,134,585 44	365,414 56	19,922 09
2,000,000	Jan., 1943	959,731 46	1,738,420 68	261,579 32	13,024 77
2,000,000	Jan., 1944	902,166 63	1,700,169 62	299,830 38	13,694 28
650,000	Jan., 1945	300,455 02	589,094 95	60,905 05	2,561 28
1,350,000	Jan., 1946	542,973 68	1,107,605 12	242,394 88	9,417 13
398,000	Jan., 1949	127,931 50	293,889 93	104,110 07	3,242 29
500,000	Jan., 1950	145,159 54	346,939 01	153,060 99	4,448 51
\$41,398,000	- -	\$24,740,068 20	\$38,462,286 05	\$2,935,713 95	\$167,756 36

*Computations for determining the Assessment for 1928. (See Section 26 of Chapter 92, General Laws.)*

[The proportion to be paid by each city and town is based as follows: One-third in proportion to their respective valuation for the preceding year, and the remaining two-thirds in proportion to the consumption by the cities and towns, respectively, in the preceding year. The last column shows the total ratio to be paid by each city and town of the whole assessment. To find each city's and town's assessment, multiply the total assessment by the average ratio.]

CITIES AND TOWNS	Valuation 1927	Average Daily Consumption (Gallons), 1927	RATIO OF TOTALS		Average Ratio, Double Weight to Consumption
			Valuation	Consumption	
Arlington . . .	\$53,008,550	1,528,000	.018021	.011176	.013458
Belmont . . .	32,151,565	938,000	.010930	.006861	.008218
Boston . . .	1,931,818,900	92,751,500	.657776	.678368	.671504
Brookline . . .	155,403,100	4,238,300	.052832	.030998	.038276
Chelsea . . .	54,821,100	3,441,400	.018637	.025170	.022992
Everett . . .	64,769,975	4,909,300	.022020	.035903	.031275
Lexington . . .	17,114,891	529,800	.005819	.003875	.004523
Malden . . .	66,843,550	3,419,000	.022725	.025006	.024246
Medford . . .	71,689,700	2,877,700	.024372	.021047	.022155
Melrose . . .	32,787,000	1,342,500	.011147	.009819	.010262
Milton . . .	31,891,945	703,400	.010842	.005144	.007043
Nahant . . .	4,977,039	170,600	.001692	.001248	.001396
Newton <sup>1</sup> . . .	28,014,320	-	.009524	-	.003175
Quincy . . .	130,126,250	5,001,000	.044239	.036577	.039131
Revere . . .	40,300,350	2,377,300	.013701	.017387	.016153
Somerville . . .	116,432,400	7,946,000	.039583	.058116	.051938
Stoneham . . .	11,851,675	498,000	.004029	.003642	.003771
Swampscott . . .	22,319,422	688,300	.007588	.005034	.005885
Watertown . . .	47,044,199	2,256,700	.015994	.016505	.016335
Winthrop . . .	25,087,150	1,110,700	.008529	.008124	.008259
	\$2,941,453,081	136,727,500	1.000000	1.000000	1.000000

<sup>1</sup> In accordance with the provisions of the act above referred to, but one-fifth of the total valuation and no consumption has been taken, for at present this city has a sufficient supply, and has not made application for water.

**METROPOLITAN WATER LOAN.  
Division of Assessment for 1928.**

CITIES AND TOWNS	Sinking Fund	Serial Bonds	Serial, Bonds, Additional Water Loan	Interest	Interest, Additional Water Loan	Maintenance	Credit to Brookline for Water furnished	Construction, Improvement, etc.	Total
Arlington	\$2,257 66	\$1,547 67	\$389 84	\$21,093 75	\$721 39	\$16,303 74	\$1,374 06	\$4,104 69	\$47,792 80
Belmont	1,378 62	945 07	238 05	12,880 70	440 51	9,955 73	899 06	2,506 49	29,134 23
Boston	112,649 07	77,222 96	19,451 43	1,052,499 31	35,994 70	813,495 93	68,560 57	204,808 72	2,384,682 69
Brookline	6,321 04	4,401 74	1,108 74	59,992 88	2,051 71	46,369 60	3,907 98	11,674 18	135,927 87
Chelsea	3,857 05	2,644 08	666 01	36,037 11	1,232 44	27,863 74	2,347 48	7,012 56	81,650 47
Everett	5,246 58	3,596 63	905 94	49,019 69	1,676 43	37,888 21	3,193 18	9,538 88	111,065 54
Lexington	758 76	520 14	131 02	7,089 24	242 45	5,479 40	461 80	1,379 52	16,062 33
Malden	4,067 42	2,788 29	702 33	38,002 60	1,299 66	29,372 90	2,475 52	7,395 03	86,103 75
Medford	3,716 64	2,547 83	641 76	34,725 22	1,187 58	26,839 75	2,262 03	6,757 28	78,678 09
Melrose	1,721 52	1,180 13	297 26	16,084 41	550 08	12,431 94	1,047 75	3,129 91	36,443 00
Milton	1,181 51	809 94	204 01	11,039 03	377 53	8,532 27	719 09	2,148 12	25,011 50
Nahant	234 19	160 54	40 44	2,188 06	74 83	1,691 19	142 53	425 78	4,957 56
Newton	532 63	365 13	91 97	4,976 42	170 19	3,846 37	324 17	968 38	11,275 26
Quincy	6,564 47	4,500 06	1,133 51	61,332 99	2,097 54	47,405 39	3,995 28	11,934 95	138,964 19
Revere	2,710 61	1,858 17	468 05	25,325 66	866 12	19,574 67	1,649 73	4,928 19	57,351 20
Somerville	8,712 93	5,972 87	1,504 49	81,406 38	2,784 04	62,920 48	5,302 87	15,841 09	184,445 15
Stonham	433 67	332 61	109 23	5,910 58	202 14	4,568 39	385 02	1,150 15	13,391 79
Swampscott	987 25	676 77	170 47	9,224 01	315 45	7,129 40	600 86	1,794 92	20,899 13
Watertown	2,740 30	1,878 53	473 18	25,603 09	875 61	19,789 09	1,667 80	4,982 17	58,069 77
Winthrop	1,385 50	949 78	239 24	12,944 96	442 71	10,005 40	843 24	2,518 99	29,329 82
	\$167,756 36	\$115,000 00	\$28,966 97	\$1,567,376 09	\$53,603 11	\$1,211,453 59	\$102,100 02	\$305,000 00 <sup>1</sup>	\$3,551,256 14

<sup>1</sup>This amount includes \$75,000, under Item 718 of Chapter 127 of the Acts of 1928, and \$230,000 under Item 718a of Chapter 405 of the Acts of 1928.

*Comparison of Total Assessments, 1927 and 1928, with Revenue from Water Rates in 1927.*

CITIES AND TOWNS	WATER ASSESSMENTS		Water Revenue received by Cities and Towns, 1927
	1927	1928	
Arlington . . . . .	\$41,904 09	\$47,792 80	\$110,178 74 <sup>1</sup>
Belmont . . . . .	27,608 52	29,184 23	76,013 15 <sup>1</sup>
Boston . . . . .	2,155,188 41	2,384,682 69	4,076,808 98 <sup>1</sup>
Brookline . . . . .	122,553 11	135,927 87	267,918 14 <sup>1</sup>
Chelsea . . . . .	75,053 69	81,650 47	145,847 25 <sup>2</sup>
Everett . . . . .	105,059 21	111,065 54	196,581 30 <sup>3</sup>
Lexington . . . . .	13,979 81	16,062 33	50,769 84 <sup>4</sup>
Malden . . . . .	73,180 14	86,103 75	186,609 91 <sup>1</sup>
Medford . . . . .	64,485 86	78,678 09	125,766 18 <sup>3</sup>
Melrose . . . . .	33,535 57	36,443 00	66,995 70 <sup>1</sup>
Milton . . . . .	22,322 99	25,011 50	85,997 43 <sup>5</sup>
Nahant . . . . .	4,634 41	4,957 56	9,213 53 <sup>1</sup>
Newton . . . . .	9,888 00	11,275 26	— <sup>6</sup>
Quincy . . . . .	121,032 81	138,964 19	328,314 17 <sup>3</sup>
Revere . . . . .	50,464 56	57,381 20	120,897 67 <sup>3</sup>
Somerville . . . . .	164,205 30	184,445 15	332,411 12 <sup>1</sup>
Stoneham . . . . .	12,971 22	13,391 79	47,010 14 <sup>5</sup>
Swampscott . . . . .	19,354 70	20,899 13	74,183 79
Watertown . . . . .	48,571 85	58,009 77	169,364 41 <sup>3</sup>
Winthrop . . . . .	25,862 65	29,329 82	70,822 92 <sup>4</sup>
	\$3,191,856 90	\$3,551,256 14	\$6,541,704 37

<sup>1</sup> No money received for hydrant rentals, street watering or from municipal departments.

<sup>2</sup> No money received from municipal departments.

<sup>3</sup> No money received for hydrant rentals for street watering.

<sup>4</sup> No money received for street watering.

<sup>5</sup> No money received for street watering or from municipal departments.

<sup>6</sup> Not taking regular supply from District.

*Net Water Debt of the Cities of the Original Metropolitan Water District.*

CITIES	Jan. 1, 1927	Jan. 1, 1928	Increase
Boston . . . . .	\$1,243,907 00	\$1,226,905 80	\$17,001 20 <sup>1</sup>
Chelsea . . . . .	—	—	—
Everett . . . . .	83,000 00	103,000 00	20,000 00
Malden . . . . .	10,529 81	25,764 42	15,234 61
Medford . . . . .	191,000 00	273,000 00	82,000 00
Melrose . . . . .	113,000 00	119,000 00	6,000 00
Somerville . . . . .	—	—	—
	\$1,641,436 81	\$1,747,670 22	\$106,233 41

<sup>1</sup> Decrease.



## STATEMENT II.

## METROPOLITAN PARKS DISTRICT.

Gross parks debt, April 1, 1928:

Bonds outstanding (sinking fund) . . . . .	\$9,360,000 00	
Bonds outstanding (serial) . . . . .	69,500 00	
	<hr/>	\$9,429,500 00
a decrease for the year of \$132,750.00.		
Sinking fund, April 1, 1928 . . . . .		5,892,917 25
		<hr/>
an increase for the year of \$165,421.19.		
Net parks debt, April 1, 1928 . . . . .		\$3,536,582 75
a decrease for the year of \$298,171.19.		<hr/>

## BOULEVARDS.

Gross parks, series two (boulevards) debt, April 1, 1928:

Bonds outstanding (sinking fund) (one-half) . . . . .	\$2,567,500 00	
Bonds outstanding (serial) (one-half) . . . . .	1,181,000 00	
Bonds outstanding (serial), 78.75 per cent (chapter 300, General Acts of 1915 and chapter 220, General Acts of 1917) . . . . .	145,687 50	
Bonds outstanding (serial), 75 per cent (chapter 238, General Acts of 1919 and chapter 380, Acts of 1922) . . . . .	251,250 00	
	<hr/>	\$4,145,437 50
a decrease for the year of \$100,937.50.		
Sinking fund, April 1, 1928 (one-half) . . . . .		1,528,635 92
		<hr/>
an increase for the year of \$74,305.36.		
Net parks, series two (boulevards) debt, April 1, 1928 . . . . .		\$2,616,801 58
a decrease for the year of \$175,242.86.		

## METROPOLITAN PARKS LOAN.

Total parks assessment for 1928 is made up as follows:

Parks sinking fund . . . . .			\$58,825 24
Parks, series two, sinking fund . . . . .			15,682 00
Nantasket sinking fund . . . . .			4,254 85
Parks serial bonds . . . . .			7,750 00
Parks, series two, serial bonds . . . . .			75,062 50
Parks interest:			
Six months on \$8,862,250 00	\$152,088 13		
Six months on 8,729,500 00	149,750 00		
Interest on advances and temporary loans, estimated, 1928 . . . . .	20,000 00		
	<hr/>	\$321,838 13	
Less adjustment of interest charges in 1927 . . . . .		2,444 00	
		<hr/>	319,394 13
Parks, series two, interest:			
One year on \$2,567,000 00	\$87,737 50		
Six months on 1,379,125 00	27,695 00		
Six months on 1,304,062 50	26,187 50		
Interest on advances and temporary loans, estimated, 1928 . . . . .	2,500 00		
	<hr/>	\$144,120 00	
Less adjustment of interest charges in 1927 . . . . .		11,494 99	
		<hr/>	132,625 01

Nantasket interest:			
One year on	\$700,000 00		\$21,000 00
Parks maintenance as appropriated			
by Legislature	\$843,460 75		
Less balance on hand	42,690 62		
		\$800,770 13	
Pensions (chapter 251, Acts of 1928)		23,287 36	
			824,057 49
Parks, series two, maintenance		\$366,250 00	
Less balance on hand	25,162 20		
		\$341,087 80	
Pensions (chapter 251, Acts of 1928)		2,475 53	
		\$343,563 33	
Less betterment assessments to be distributed (chapter 313, Acts of 1925)		1,426 59	
			342,136 74
Nantasket maintenance		\$83,000 00	
Less balance on hand		4,903 80	
			78,096 20
Wellington Bridge maintenance (one- quarter)		\$3,600 00	
Less balance on hand	348 17		
		\$3,251 83	
Pensions (chapter 251, Acts of 1928)		600 57	
			3,852 40
Metropolitan Planning Division			25,602 48
Total parks assessment for 1928			\$1,908,339 04 <sup>1</sup>

<sup>1</sup> Exclusive of \$92,500.00 special assessment on account of cost of construction of way in Brookline; \$241,207.15 special assessment on account of cost of construction of Southern Traffic Route; and \$168,750.00 special assessment on account of cost of construction of Cambridge Traffic Artery.

**METROPOLITAN PARKS, INCLUDING BOULEVARDS, WELLINGTON BRIDGE AND  
NANTASKET AND METROPOLITAN PLANNING DIVISION.**

*Total Assessments and Grand Total.*

CITIES AND TOWNS	Total Sinking Fund	Total Serial Bonds	Total Interest	Total Maintenance	Metro- politan Planning Division	Grand Total
Arlington	\$1,157 47	\$1,217 17	\$6,951 62	\$18,029 83	\$366 60	\$27,722 69
Belmont	743 96	782 34	4,468 09	11,409 35	230 06	17,633 80
Boston	40,943 98	43,055 79	245,902 39	614,113 44	12,232 78	956,248 38
Braintree	498 49	524 21	2,993 87	8,329 57	175 43	12,521 57
Brookline	3,403 61	3,579 16	20,441 44	45,955 51	858 60	74,238 32
Cambridge	4,058 81	4,268 16	24,376 50	70,636 54	1,515 85	104,855 86
Canton	203 26	213 74	1,220 72	3,515 09	75 22	5,228 03
Chelsea	1,317 42	1,385 37	7,912 21	24,862 71	552 14	36,029 85
Cohasset	11 40	—	56 26	209 22	—	276 88
Dedham	488 18	513 35	2,931 90	8,386 17	178 91	12,498 51
Dover	73 79	77 59	443 18	1,023 49	19 46	1,637 51
Everett	1,367 35	1,437 87	8,212 07	24,201 06	523 24	35,741 59
Hingham	288 63	303 51	1,733 43	4,481 45	90 97	6,897 99
Hull	371 78	390 96	2,232 85	4,557 32	79 42	7,632 33
Lynn	2,821 65	2,967 17	16,946 26	53,684 97	1,196 07	77,616 12
Malden	1,406 49	1,479 04	8,447 11	26,853 36	599 10	38,785 10
Medford	1,465 85	1,541 47	8,803 72	26,526 08	579 00	38,916 12
Melrose	669 94	704 49	4,023 49	11,754 18	253 16	17,405 26
Milton	684 42	719 73	4,110 52	10,226 12	203 26	15,944 05
Nahant	106 39	111 88	638 97	1,504 64	28 96	2,390 84
Needham	404 23	425 08	2,427 72	6,357 82	129 93	9,744 78
Newton	2,963 78	3,116 65	17,799 95	43,663 15	860 93	68,404 46
Quincy	2,674 77	2,812 73	16,064 18	42,219 60	864 42	64,635 70
Revere	840 34	883 69	5,046 97	16,578 28	374 54	23,723 82
Saugus	284 22	298 87	1,706 91	5,950 81	137 36	8,378 17
Somerville	2,505 22	2,634 43	15,045 91	49,394 31	1,115 68	70,695 55
Stoneham	271 14	285 12	1,628 39	4,969 82	109 07	7,263 54
Swampscott	544 96	573 06	3,272 92	7,846 30	152 64	12,389 88
Wakefield	493 37	518 83	2,963 11	8,831 07	191 86	12,998 24
Waltham	1,190 23	1,251 62	7,148 35	20,633 78	442 03	30,666 01
Watertown	1,093 77	1,150 18	6,568 99	17,476 79	360 07	26,649 80
Wellesley	703 55	739 85	4,225 45	9,551 19	179 09	15,399 13
Weston	182 30	191 71	1,094 90	2,603 80	50 41	4,123 12
Westwood	85 60	90 01	514 10	1,301 30	26 11	2,017 12
Weymouth	850 03	893 87	5,105 16	12,995 53	261 61	20,106 20
Winchester	639 69	672 68	3,841 87	9,452 98	186 72	14,793 94
Winthrop	526 84	554 02	3,164 12	9,312 81	201 24	13,759 03
Woburn	425 18	447 10	2,553 54	8,743 39	200 54	12,369 75
<b>Total</b>	<b>\$78,762 09</b>	<b>\$82,812 50</b>	<b>\$473,019 14</b>	<b>\$1,248,142 83</b>	<b>\$25,602 48<sup>1</sup></b>	<b>\$1,908,339 04</b>

<sup>1</sup> Chapter 399, Acts of 1923.

<sup>2</sup> Exclusive of \$92,500.00 special assessment on account of cost of construction of way in Brookline; \$241,207.15 special assessment on account of cost of construction of Southern Traffic Route; and \$168,750.00 special assessment on account of cost of construction of Cambridge Traffic Artery.

METROPOLITAN PARKS (EXCEPTING NANTASKET) AND BOULEVARDS AND CHARLES  
RIVER BASIN.

*Proportion of Sinking Fund, Serial Bonds, Interest and Maintenance (excepting  
Parks Maintenance) Requirements as determined by Metropolitan District  
Commission.*

CITIES AND TOWNS	Valuation (Chapter 330, Acts of 1923)	Per Cent.
Arlington . . . . .	\$58,048,298	.014698
Belmont . . . . .	37,309,621	.009447
Boston . . . . .	2,053,293,907	.519919
Braintree . . . . .	25,000,253	.006330
Brookline . . . . .	170,686,538	.043220
Cambridge . . . . .	203,545,762	.051540
Canton . . . . .	10,193,165	.002581
Chelsea . . . . .	66,069,273	.016729
Dedham . . . . .	24,482,026	.006199
Dover . . . . .	3,700,247	.000937
Everett . . . . .	68,571,096	.017363
Hingham . . . . .	14,475,074	.003665
Hull . . . . .	18,644,717	.004721
Lynn . . . . .	141,502,474	.035830
Malden . . . . .	70,532,812	.017860
Medford . . . . .	73,510,033	.018614
Melrose . . . . .	33,595,131	.008507
Milton . . . . .	34,322,680	.008691
Nahant . . . . .	5,333,909	.001351
Needham . . . . .	20,272,040	.005133
Newton . . . . .	148,629,292	.037635
Quincy . . . . .	134,137,956	.033965
Revere . . . . .	42,141,260	.010671
Saugus . . . . .	14,251,129	.003609
Somerville . . . . .	125,635,396	.031812
Stoneham . . . . .	13,595,902	.003443
Swampscott . . . . .	27,330,752	.006920
Wakefield . . . . .	24,740,606	.006265
Waltham . . . . .	59,688,786	.015114
Watertown . . . . .	54,853,109	.013889
Wellesley . . . . .	35,281,839	.008934
Weston . . . . .	9,140,962	.002315
Westwood . . . . .	4,292,030	.001087
Weymouth . . . . .	42,629,435	.010794
Winchester . . . . .	32,080,106	.008123
Winthrop . . . . .	26,418,964	.006690
Woburn . . . . .	21,323,336	.005399
	<hr/> \$3,949,259,916	<hr/> 1.000000

## METROPOLITAN PARKS (EXCEPTING NANTASKET).

*Proportion of Maintenance Requirements as determined by Metropolitan District Commission.*

CITIES AND TOWNS	Valuation (Chapter 330, Acts of 1928)	Per Cent.	Popu- lation (State Census, 1925)	Per Cent.	Average Per Cent.
Arlington . . .	\$58,048,298	.014698	24,943	.013939	.014319
Belmont . . .	37,309,621	.009447	15,256	.008525	.008986
Boston . . .	2,053,293,907	.519919	779,620	.435675	.477797
Braintree . . .	25,000,253	.006330	13,193	.007373	.006852
Brookline . . .	170,686,538	.043220	42,681	.023851	.033536
Cambridge . . .	203,545,762	.051540	119,669	.066875	.059207
Canton . . .	10,193,165	.002581	5,896	.003295	.002938
Chelsea . . .	66,069,273	.016729	47,247	.026403	.021566
Dedham . . .	24,482,026	.006199	13,918	.007778	.006988
Dover . . .	3,700,247	.000937	1,044	.000583	.000760
Everett . . .	68,571,096	.017363	42,072	.023511	.020437
Hingham . . .	14,475,074	.003665	6,158	.003441	.003553
Hull . . .	18,644,717	.004721	2,652	.001482	.003102
Lynn . . .	141,502,474	.035830	103,081	.057605	.046717
Malden . . .	70,532,812	.017860	51,789	.028941	.023400
Medford . . .	73,510,033	.018614	47,627	.026615	.022615
Melrose . . .	33,595,131	.008507	20,165	.011269	.009888
Milton . . .	34,322,680	.008691	12,861	.007187	.007939
Nahant . . .	5,333,909	.001351	1,630	.000911	.001131
Needham . . .	20,272,040	.005133	8,977	.005017	.005075
Newton . . .	148,629,292	.037635	53,003	.029620	.033627
Quincy . . .	134,137,956	.033965	60,055	.033561	.033763
Revere . . .	42,141,260	.010671	33,261	.018587	.014629
Saugus . . .	14,251,129	.003609	12,743	.007121	.005365
Somerville . . .	125,635,396	.031812	99,032	.055342	.043577
Stoneham . . .	13,595,902	.003443	9,084	.005076	.004260
Swampscott . . .	27,330,752	.006920	8,953	.005003	.005962
Wakefield . . .	24,740,606	.006265	15,611	.008724	.007494
Waltham . . .	59,688,786	.015114	34,746	.019417	.017265
Watertown . . .	54,853,109	.013889	25,480	.014239	.014064
Wellesley . . .	35,281,839	.008934	9,049	.005057	.006995
Weston . . .	9,140,962	.002315	2,906	.001624	.001969
Westwood . . .	4,292,030	.001087	1,706	.000953	.001020
Weymouth . . .	42,629,435	.010794	17,253	.009641	.010218
Winchester . . .	32,080,106	.008123	11,565	.006463	.007293
Winthrop . . .	26,418,964	.006690	16,158	.009030	.007860
Woburn . . .	21,323,336	.005399	18,370	.010266	.007833
	\$3,949,259,916	1.000000	1,789,454	1.000000	1.000000



## METROPOLITAN PARKS — NANTASKET.

*Proportion of Sinking Fund, Interest and Maintenance Requirements as determined by Metropolitan District Commission.*

CITIES AND TOWNS	Valuation (Chapter 330, Acts of 1928)	Per Cent.
Arlington . . . . .	\$58,048,298	.014659
Belmont . . . . .	37,309,621	.009422
Boston . . . . .	2,053,293,907	.518526
Braintree . . . . .	25,000,253	.006313
Brookline . . . . .	170,686,538	.043104
Cambridge . . . . .	203,545,762	.051402
Canton . . . . .	10,193,165	.002574
Chelsea . . . . .	66,069,273	.016685
Cohasset . . . . .	10,606,999	.002679
Dedham . . . . .	24,482,026	.006183
Dover . . . . .	3,700,247	.000935
Everett . . . . .	68,571,096	.017317
Hingham . . . . .	14,475,074	.003656
Hull . . . . .	18,644,717	.004708
Lynn . . . . .	141,502,474	.035734
Malden . . . . .	70,532,812	.017812
Medford . . . . .	73,510,033	.018564
Melrose . . . . .	33,595,131	.008484
Milton . . . . .	34,322,680	.008668
Nahant . . . . .	5,333,909	.001347
Needham . . . . .	20,272,040	.005119
Newton . . . . .	148,629,292	.037534
Quincy . . . . .	134,137,956	.033874
Revere . . . . .	42,141,260	.010642
Saugus . . . . .	14,251,129	.003599
Somerville . . . . .	125,635,396	.031727
Stoneham . . . . .	13,595,902	.003433
Swampscott . . . . .	27,330,752	.006902
Wakefield . . . . .	24,740,606	.006248
Waltham . . . . .	59,688,786	.015073
Watertown . . . . .	54,853,109	.013852
Wellesley . . . . .	35,281,839	.008910
Weston . . . . .	9,140,962	.002308
Westwood . . . . .	4,292,030	.001084
Weymouth . . . . .	42,629,435	.010765
Winchester . . . . .	32,080,106	.008101
Winthrop . . . . .	26,418,964	.006672
Woburn . . . . .	21,323,336	.005385
	<b>\$3,959,866,915</b>	<b>1.000000</b>

## METROPOLITAN PARKS LOAN.

*Sinking Fund.*

BONDS ISSUED	Due Dates	Sinking Fund Dec. 1, 1927	Amount of Dec. 1, 1927 Sinking Fund at Ma- turity of Loan. Accumulations reckoned at 3½ Per Cent.	Balance to be provided for	Sinking Fund Requirements for 1928
\$125,000	Jan., 1928	\$125,000 00	\$125,000 00	-	-
1,300,000	Jan., 1934	989,169 13	1,236,180 85	\$63,819 15	\$9,673 59
2,000,000	Jan., 1936	1,392,120 85	1,873,953 81	126,046 19	13,784 59
1,400,000	Jan., 1937	932,543 60	1,302,825 75	97,174 25	9,263 42
1,000,000	July, 1938	628,491 82	928,366 97	71,633 03	6,026 08
505,000	July, 1939	303,174 56	464,780 66	40,219 34	3,015 59
650,000	Jan., 1941	389,570 40	631,457 48	18,542 52	1,130 38
125,000	Jan., 1943	60,028 41	104,805 84	20,194 16	1,024 72
340,000	July, 1943	164,310 37	292,254 52	47,745 48	2,422 78
300,000	Jan., 1944	133,914 55	242,656 35	57,343 65	2,673 01
370,000	Jan., 1945	152,858 99	287,468 41	82,531 59	3,547 48
300,000	Jan., 1946	119,528 26	233,294 75	66,705 25	2,652 77
300,000	Jan., 1947	108,964 43	220,726 45	79,273 55	2,925 52
70,000	Jan., 1949	22,274 30	48,600 88	21,399 12	685 31
<b>\$8,785,000</b>	<b>-</b>	<b>\$5,521,949 67</b>	<b>\$7,992,372 72</b>	<b>\$792,627 28</b>	<b>\$58,825 24</b>

*Nantasket.*

\$600,000	July, 1939	\$361,204 81	\$553,746 72	\$46,256 28	\$3,468 24
100,000	Jan., 1941	53,733 30	87,096 69	12,903 31	786 61
<b>\$700,000</b>	<b>-</b>	<b>\$414,938 11</b>	<b>\$640,840 41</b>	<b>\$59,159 59</b>	<b>\$4,254 85</b>

## METROPOLITAN PARKS LOAN, SERIES TWO.

*Sinking Fund.*

BONDS ISSUED	Due Dates	Sinking Fund Dec. 1, 1927	Amount of Dec. 1, 1926 Sinking Fund at Ma- turity of Loan. Accumulations reckoned at 3½ Per Cent.	Balance to be provided for	Sinking Fund Requirements for 1928
\$250,000	Jan., 1934	\$194,300 02	\$242,819 92	\$7,180 08	\$1,088 00
300,000	Jan., 1936	214,143 05	288,261 03	11,738 97	1,284 00
500,000	Jan., 1937	342,126 42	477,973 48	22,026 52	2,100 00
50,000	July, 1938	32,329 78	47,755 84	2,244 66	189 00
250,000	July, 1939	155,059 01	237,712 65	12,287 35	921 00
225,000	Jan., 1940	126,515 08	197,590 11	27,409 89	1,847 00
162,500	July, 1940	94,628 64	150,561 22	11,938 78	804 00
55,000	Jan., 1943	27,042 27	47,214 11	7,785 89	395 00
150,000	July, 1943	70,491 94	125,382 35	24,617 65	1,249 00
150,000	Jan., 1944	68,281 34	123,727 41	26,272 59	1,225 00
150,000	Jan., 1945	62,876 69	118,246 64	31,753 36	1,365 00
150,000	Jan., 1946	57,019 43	111,290 28	38,709 72	1,539 00
150,000	Jan., 1947	55,081 32	111,576 81	38,423 19	1,418 00
25,000	Jan., 1949	7,763 80	16,940 04	8,059 96	258 00
<b>\$2,567,500</b>	<b>-</b>	<b>\$1,507,658 79</b>	<b>\$2,297,051 39</b>	<b>\$270,448 61</b>	<b>\$15,682 00</b>

## METROPOLITAN PARKS LOAN, INCLUDING BOULEVARDS AND NANTASKET.

*Sinking Fund Requirements.*

CITIES AND TOWNS	Parks	Boulevards	Nantasket	Total
Arlington . . . . .	\$864 61	\$230 49	\$62 37	\$1,157 47
Belmont . . . . .	555 72	148 15	40 09	743 96
Boston . . . . .	30,584 36	8,153 37	2,206 25	40,943 98
Braintree . . . . .	372 36	99 27	26 86	498 49
Brookline . . . . .	2,542 43	677 78	183 40	3,403 61
Cambridge . . . . .	3,031 85	808 25	218 71	4,058 81
Canton . . . . .	151 83	40 48	10 95	203 26
Chelsea . . . . .	984 09	262 34	70 99	1,317 42
Cohasset . . . . .	—	—	11 40	11 40
Dedham . . . . .	364 66	97 21	26 31	488 18
Dover . . . . .	55 12	14 69	3 98	73 79
Everett . . . . .	1,021 38	272 29	73 68	1,367 35
Hingham . . . . .	215 60	57 47	15 56	288 63
Hull . . . . .	277 72	74 03	20 03	371 78
Lynn . . . . .	2,107 71	561 89	152 05	2,821 65
Malden . . . . .	1,050 62	280 08	75 79	1,406 49
Medford . . . . .	1,094 97	291 90	78 98	1,465 85
Melrose . . . . .	500 43	133 41	36 10	669 94
Milton . . . . .	511 25	136 29	36 88	684 42
Nahant . . . . .	79 47	21 19	5 73	106 39
Needham . . . . .	301 95	80 50	21 78	404 23
Newton . . . . .	2,213 89	590 19	159 70	2,963 78
Quincy . . . . .	1,998 00	532 64	144 13	2,674 77
Revere . . . . .	627 72	167 34	45 28	840 34
Saugus . . . . .	212 30	56 60	15 32	284 22
Somerville . . . . .	1,871 35	498 88	134 99	2,505 22
Stoneham . . . . .	202 54	53 99	14 61	271 14
Swampscott . . . . .	407 07	108 52	29 37	544 96
Wakefield . . . . .	368 54	98 25	26 58	493 37
Waltham . . . . .	889 08	237 02	64 13	1,190 23
Watertown . . . . .	817 02	217 81	58 94	1,093 77
Wellesley . . . . .	525 54	140 10	37 91	703 55
Weston . . . . .	136 18	36 30	9 82	182 30
Westwood . . . . .	63 94	17 05	4 61	85 60
Weymouth . . . . .	634 96	169 27	45 80	850 03
Winchester . . . . .	477 84	127 38	34 47	639 69
Winthrop . . . . .	393 54	104 91	28 39	526 84
Woburn . . . . .	317 60	84 67	22 91	425 18
	\$58,825 24	\$15,682 00	\$4,254 85	\$78,762 09

## METROPOLITAN PARKS LOAN, INCLUDING BOULEVARDS.

*Serial Bond Requirements.*

CITIES AND TOWNS	Parks	Boulevards	Total
Arlington . . . . .	\$113 90	\$1,103 27	\$1,217 17
Belmont . . . . .	73 22	709 12	782 34
Boston . . . . .	4,029 37	39,026 42	43,055 79
Braintree . . . . .	49 06	475 15	524 21
Brookline . . . . .	334 96	3,244 20	3,579 16
Cambridge . . . . .	399 44	3,868 72	4,268 16
Canton . . . . .	20 00	193 74	213 74
Chelsea . . . . .	129 65	1,255 72	1,385 37
Dedham . . . . .	48 04	465 31	513 35
Dover . . . . .	7 26	70 33	77 59
Everett . . . . .	134 56	1,303 31	1,437 87
Hingham . . . . .	28 41	275 10	303 51
Hull . . . . .	36 59	354 37	390 96
Lynn . . . . .	277 68	2,689 49	2,967 17
Malden . . . . .	138 42	1,340 62	1,479 04
Medford . . . . .	144 26	1,397 21	1,541 47
Melrose . . . . .	65 93	638 56	704 49
Milton . . . . .	67 36	652 37	719 73
Nahant . . . . .	10 47	101 41	111 88
Needham . . . . .	39 78	385 30	425 08
Newton . . . . .	291 67	2,824 98	3,116 65
Quincy . . . . .	263 23	2,549 50	2,812 73
Revere . . . . .	82 70	800 99	883 69
Saugus . . . . .	27 97	270 90	298 87
Somerville . . . . .	246 54	2,387 89	2,634 43
Stoneham . . . . .	26 68	258 44	285 12
Swampscott . . . . .	53 63	519 43	573 06
Wakefield . . . . .	48 56	470 27	518 83
Waltham . . . . .	117 13	1,134 49	1,251 62
Watertown . . . . .	107 64	1,042 54	1,150 18
Wellesley . . . . .	69 24	670 61	739 85
Weston . . . . .	17 94	173 77	191 71
Westwood . . . . .	8 42	81 59	90 01
Weymouth . . . . .	83 65	810 22	893 87
Winchester . . . . .	62 95	609 73	672 68
Winthrop . . . . .	51 85	502 17	554 02
Woburn . . . . .	41 84	405 26	447 10
	<b>\$7,750 00</b>	<b>\$75,062 50</b>	<b>\$82,812 50</b>

## METROPOLITAN PARKS LOAN, INCLUDING BOULEVARDS AND NANTASKET.

*Interest Requirements.*

CITIES AND TOWNS	Parks	Boulevards	Nantasket	Total
Arlington . . . .	\$4,694 46	\$1,949 32	\$307 84	\$6,951 62
Belmont . . . .	3,017 32	1,252 91	197 86	4,468 09
Boston . . . .	166,059 08	68,954 26	10,889 05	245,902 39
Braintree . . . .	2,021 77	839 52	132 58	2,993 87
Brookline . . . .	13,804 21	5,732 05	905 18	20,441 44
Cambridge . . . .	16,461 57	6,835 49	1,079 44	24,376 50
Canton . . . .	824 36	342 31	54 05	1,220 72
Chelsea . . . .	5,343 14	2,218 68	350 39	7,912 21
Cohasset . . . .	—	—	56 26	56 26
Dedham . . . .	1,979 92	822 14	129 84	2,931 90
Dover . . . .	299 27	124 27	19 64	443 18
Everett . . . .	5,545 64	2,302 77	363 66	8,212 07
Hingham . . . .	1,170 58	486 07	76 78	1,733 43
Hull . . . .	1,507 86	626 12	98 87	2,232 85
Lynn . . . .	11,443 89	4,751 96	750 41	16,946 26
Malden . . . .	5,704 38	2,368 68	374 05	8,447 11
Medford . . . .	5,945 20	2,468 68	339 84	8,803 72
Melrose . . . .	2,717 09	1,128 24	178 16	4,023 49
Milton . . . .	2,775 85	1,152 64	182 03	4,110 52
Nahant . . . .	431 50	179 18	28 29	638 97
Needham . . . .	1,639 45	680 77	107 50	2,427 72
Newton . . . .	12,020 40	4,991 34	788 21	17,799 95
Quincy . . . .	10,848 22	4,504 61	711 35	16,064 18
Revere . . . .	3,408 25	1,415 24	223 48	5,046 97
Saugus . . . .	1,152 69	478 64	75 58	1,706 91
Somerville . . . .	10,160 57	4,219 07	666 27	15,045 91
Stoneham . . . .	1,099 67	456 63	72 09	1,628 39
Swampscott . . . .	2,210 21	917 77	144 94	3,272 92
Wakefield . . . .	2,001 00	830 90	131 21	2,963 11
Waltham . . . .	4,827 32	2,004 50	316 53	7,148 35
Watertown . . . .	4,436 07	1,842 03	290 89	6,568 99
Wellesley . . . .	2,853 47	1,184 87	187 11	4,225 45
Weston . . . .	739 40	307 03	48 47	1,094 90
Westwood . . . .	347 18	144 16	22 76	514 10
Weymouth . . . .	3,447 54	1,431 55	226 07	5,105 16
Winchester . . . .	2,594 44	1,077 31	170 12	3,841 87
Winthrop . . . .	2,136 75	887 26	140 11	3,164 12
Woburn . . . .	1,724 41	716 04	113 09	2,553 54
	<u>\$319,394 13</u>	<u>\$132,625 01</u>	<u>\$21,000 00</u>	<u>\$473,019 14</u>



# METROPOLITAN PARKS LOAN, INCLUDING BOULEVARD, WELLINGTON BRIDGE AND NANTASKET.

## Maintenance Requirements.

CITIES AND TOWNS	Parks	Nantasket	Boulevards	Wellington Bridge	Total
Arlington . . . . .	\$11,799 68	\$1,144 81	\$5,028 72	\$56 62	\$18,029 83
Belmont . . . . .	7,404 98	735 82	3,232 16	36 39	11,409 35
Boston . . . . .	393,732 20	40,494 91	177,883 39	2,002 94	614,113 44
Braintree . . . . .	5,646 44	493 02	2,165 72	24 39	8,329 57
Brookline . . . . .	27,635 60	3,366 26	14,787 15	166 50	45,955 51
Cambridge . . . . .	48,789 96	4,014 30	17,633 73	198 55	70,636 54
Canton . . . . .	2,421 08	201 02	883 05	9 94	3,515 09
Chelsea . . . . .	17,771 62	1,303 04	5,723 60	64 45	24,862 71
Cohasset . . . . .	—	209 22	—	—	209 22
Dedham . . . . .	5,758 51	482 87	2,120 91	23 88	8,386 17
Dover . . . . .	626 28	73 02	320 58	3 61	1,023 49
Everett . . . . .	16,841 26	1,352 39	5,940 52	66 89	24,201 06
Hingham . . . . .	2,927 88	285 52	1,253 93	14 12	4,481 45
Hull . . . . .	2,556 23	367 67	1,615 23	18 19	4,557 32
Lynn . . . . .	38,497 49	2,790 69	12,258 76	138 03	53,684 97
Malden . . . . .	19,282 95	1,391 05	6,110 56	68 80	26,853 36
Medford . . . . .	18,636 06	1,449 78	6,368 53	71 71	26,526 08
Melrose . . . . .	8,148 28	662 57	2,910 56	32 77	11,754 18
Milton . . . . .	6,542 19	676 94	2,973 51	33 48	10,226 12
Nahant . . . . .	932 01	105 20	462 23	5 20	1,504 64
Needham . . . . .	4,182 09	399 77	1,756 19	19 77	6,357 82
Newton . . . . .	27,710 58	2,931 26	12,876 32	144 99	43,663 15
Quincy . . . . .	27,822 65	2,645 43	11,620 67	130 85	42,219 60
Revere . . . . .	12,055 13	831 10	3,650 94	41 11	16,578 28
Saugus . . . . .	4,421 07	281 07	1,234 77	13 90	5,950 81
Somerville . . . . .	35,909 95	2,477 76	10,884 05	122 55	49,394 31
Stoneham . . . . .	3,510 48	268 10	1,177 98	13 26	4,969 82
Swampscott . . . . .	4,913 03	539 02	2,367 59	26 66	7,846 30
Wakefield . . . . .	6,175 49	487 95	2,143 49	24 14	8,831 07
Waltham . . . . .	14,227 35	1,177 14	5,171 06	58 23	20,633 78
Watertown . . . . .	11,589 55	1,081 79	4,751 94	53 51	17,476 79
Wellesley . . . . .	5,764 28	695 84	3,056 65	34 42	9,551 19
Weston . . . . .	1,622 58	180 25	792 05	8 92	2,603 80
Westwood . . . . .	840 55	84 66	371 90	4 19	1,301 30
Weymouth . . . . .	8,420 22	840 71	3,693 02	41 58	12,995 53
Winchester . . . . .	6,009 85	632 66	2,779 18	31 29	9,452 98
Winthrop . . . . .	6,477 09	521 05	2,288 90	25 77	9,312 81
Woburn . . . . .	6,454 85	420 54	1,847 20	20 80	8,743 39
	\$824,057 49	\$78,096 20	\$342,136 74	\$3,852 40	\$1,248,142 83

## NEPONSET BRIDGE.

### Special Assessment.

(Chapter 300, General Acts of 1915.)

Bonds issued 57½ per cent. . . . .	\$201,250 00	
Previously assessed . . . . .	138,000 00	
Outstanding . . . . .	\$63,250 00	
Serial bonds due Jan. 1, 1929 . . . . .		\$11,500 00
Interest:		
One year on \$63,250 00 . . . . .	\$2,530 00	
Six months on \$11,500 00 . . . . .	230 00	2,760 00
		\$14,260 00

### Assessment.

	Per Cent.	Serial Bonds	Interest	Total
City of Boston . . . . .	20	\$4,000 00	\$960 00	\$4,960 00
City of Quincy . . . . .	15	3,000 00	720 00	3,720 00
County of Norfolk . . . . .	5	1,000 00	240 00	1,240 00
County of Plymouth . . . . .	2½	500 00	120 00	620 00
Bay State Street Railway Company . . . . .	15	3,000 00	720 00	3,720 00
	57½	\$11,500 00	\$2,760 00	\$14,260 00

## NEPONSET BRIDGE.

*Special Assessment.*

(Chapter 300, General Acts of 1915 and Chapter 220, General Acts of 1917.)

Bonds issued, 57½ per cent.	.	.	.	.	\$57,500 00	
Previously assessed	.	.	.	.	14,375 00	
Outstanding	.	.	.	.	\$43,125 00	
Serial bonds due Jan. 1, 1929	.	.	.	.		\$2,875 00
Interest:						
One year on \$43,125	.	.	.	.	1,725 00	
Six months on 2,875	.	.	.	.	57 50	
						1,782 50
						\$4,657 50

*Assessment.*

	Per Cent.	Serial Bonds	Interest	Total
City of Boston . . . . .	20	\$1,000 00	\$620 00	\$1,620 00
City of Quincy . . . . .	15	750 00	465 00	1,215 00
County of Norfolk . . . . .	5	250 00	155 00	405 00
County of Plymouth . . . . .	2½	125 00	77 50	202 50
Bay State Street Railway Company . . . . .	15	750 00	465 00	1,215 00
	57½	\$2,875 00	\$1,782 50	\$4,657 50

## NEPONSET BRIDGE.

*Special Assessment.*

(Chapter 238, General Acts of 1919, and Chapter 380, Acts of 1922.)

Bonds issued, 50 per cent.	.	.	.	.	\$225,000 00	
Previously assessed	.	.	.	.	57,500 00	
Outstanding	.	.	.	.	\$167,500 00	
Serial bonds due Jan. 1, 1929	.	.	.	.		\$11,500 00
Interest:						
One year on \$167,500 00	\$6,700 00					
Six months on 11,500 00	230 00					
					6,930 00	
Less interest on average balance in fund, 50 per cent.					41 38	
						6,888 62
						\$18,388 62

*Assessment.*

	Per Cent.	Serial Bonds	Interest	Total
City of Boston . . . . .	23 <sup>9</sup> / <sub>17</sub>	\$5,411 77	\$3,241 70	\$8,653 47
City of Quincy . . . . .	17 <sup>11</sup> / <sub>17</sub>	4,058 82	2,431 28	6,490 10
County of Norfolk . . . . .	5 <sup>15</sup> / <sub>17</sub>	1,352 94	810 43	2,163 37
County of Plymouth . . . . .	2 <sup>16</sup> / <sub>17</sub>	676 47	405 21	1,081 68
	50	\$11,500 00	\$6,888 62	\$18,388 62

## NEPONSET BRIDGE.

*Special Assessment to provide for the payment of certain Deficiencies incurred in the construction of the Neponset Bridge.*

(Item 710½b, Chapter 405, Acts of 1928.)

	Per Cent.	Assessment
City of Boston . . . . .	23 <sup>3</sup> / <sub>17</sub>	\$2,588 24
City of Quincy . . . . .	17 <sup>11</sup> / <sub>17</sub>	1,941 18
County of Norfolk . . . . .	5 <sup>15</sup> / <sub>17</sub>	647 06
County of Plymouth . . . . .	2 <sup>15</sup> / <sub>17</sub>	323 52
	50	\$5,500 00

## WELLINGTON BRIDGE.

*Special Assessment Maintenance.*

(Chapter 295, General Acts of 1916.)

	Per Cent.	Assessment
Malden . . . . .	15.2941	\$2,356 76
Medford . . . . .	18.8235	2,900 63
Somerville . . . . .	12.9412	1,994 19
Stoneham . . . . .	2.9412	453 22
	50.0000	\$7,704 80

## SPECIAL ASSESSMENTS.

CITIES AND TOWNS	Southern Traffic Route Assessment	Construction of Street or Way in Brookline	Traffic Artery Cambridge
Arlington . . . . .	\$3,545 26	\$1,359 56	\$2,480 29
Belmont . . . . .	2,278 69	873 85	1,594 18
Boston . . . . .	125,408 18	48,092 51	87,736 33
Braintree . . . . .	1,526 84	585 52	1,068 19
Brookline . . . . .	10,424 98	3,997 85	7,293 37
Cambridge . . . . .	12,431 82	4,767 45	8,697 37
Canton . . . . .	622 56	238 74	435 54
Chelsea . . . . .	4,035 15	1,547 43	2,823 02
Dedham . . . . .	1,495 24	573 41	1,046 08
Dover . . . . .	226 01	86 67	158 12
Everett . . . . .	4,188 08	1,606 08	2,930 01
Hingham . . . . .	884 02	339 01	618 47
Hull . . . . .	1,138 74	436 69	796 67
Lynn . . . . .	8,642 45	3,314 27	6,046 31
Malden . . . . .	4,307 96	1,652 05	3,013 87
Medford . . . . .	4,489 83	1,721 80	3,141 11
Melrose . . . . .	2,051 95	786 90	1,435 56
Milton . . . . .	2,096 33	803 92	1,466 61
Nahant . . . . .	325 87	124 97	227 98
Needham . . . . .	1,238 12	474 80	866 19
Newton . . . . .	9,077 83	3,481 24	6,350 91
Quincy . . . . .	8,192 60	3,141 76	5,731 59
Revere . . . . .	2,573 92	987 07	1,800 73
Saugus . . . . .	870 52	333 83	609 02
Somerville . . . . .	7,673 28	2,942 61	5,368 27
Stoneham . . . . .	830 48	318 48	581 01
Swampscott . . . . .	1,669 15	640 10	1,167 75
Wakefield . . . . .	1,511 16	579 51	1,057 22
Waltham . . . . .	3,645 60	1,398 05	2,550 49
Watertown . . . . .	3,350 13	1,284 73	2,343 77
Wellesley . . . . .	2,154 94	826 40	1,507 61
Weston . . . . .	558 39	214 14	390 66
Westwood . . . . .	262 19	100 55	183 43
Weymouth . . . . .	2,603 59	998 44	1,821 49
Winchester . . . . .	1,959 33	751 38	1,370 76
Winthrop . . . . .	1,613 68	618 82	1,128 94
Woburn . . . . .	1,302 28	499 41	911 08
	\$241,207 15 <sup>1</sup>	\$92,500 00 <sup>2</sup>	\$168,750 00 <sup>3</sup>

<sup>1</sup> Chapter 330, Acts of 1925, and Chapter 369, Acts of 1926, Metropolitan Parks District, 33½%.

<sup>2</sup> Chapter 308, Acts of 1928, Metropolitan Parks District, 50%.

<sup>3</sup> Chapters 366 and 405, Acts of 1928, Metropolitan Parks District, 25%.

# SPECIAL ASSESSMENT ON ACCOUNT OF CONSTRUCTION OF SOUTHERN TRAFFIC ROUTE.

(Chapter 330, Acts of 1925 and Chapter 369, Acts of 1926.)

	Amount
City of Boston . . . . .	\$139,834 08
City of Quincy . . . . .	101,373 06
	<u>\$241,207 14</u>

## ALEWIFE BROOK.

(Chapter 529 of the Acts of 1906, as amended by Chapter 529 of the Acts of 1907, and Chapter 458 of the Acts of 1911.)<sup>1</sup>

CITIES AND TOWNS	Assessment	Interest	Total	Proportion of Total (Per Cent)
Arlington . . . . .	\$1,636 79	\$186 23	\$1,823 02	24
Belmont . . . . .	1,159 39	131 91	1,291 30	17
Cambridge . . . . .	3,205 37	364 69	3,570 06	47
Somerville . . . . .	818 39	93 11	911 50	12
	<u>\$6,819 94</u>	<u>\$775 94</u>	<u>\$7,595 88</u>	<u>100</u>

<sup>1</sup> This table includes the eighteenth assessment and interest under Chapter 529 of the Acts of 1906 and 1907, and the fifteenth assessment and interest under Chapter 458 of the Acts of 1911.

## STATEMENT III.

### METROPOLITAN SEWERAGE DISTRICT.

#### Debt, North System.

Gross sewerage, north system, debt, April 1, 1928:

Bonds outstanding (sinking fund) . . . . .	\$6,563,000 00
Bonds outstanding (serial) . . . . .	1,160,000 00

\$7,723,000 00

a decrease for the year of \$94,500.00

Sinking fund, April 1, 1928 . . . . . 5,647,281 22

an increase for the year of \$396,227.88.

Net sewerage, north system, debt, April 1, 1928 . . . . . \$2,075,718 78

a decrease for the year of \$490,727.88.

#### Assessment, North System.

Sinking fund . . . . .	\$18,943 83
Serial bonds . . . . .	\$94,500 00
Note under Chapter 211, Acts of 1928 . . . . .	150,000 00
	<u>244,500 00</u>

Interest:

One year on \$7,697,000	\$247,815 00
Four months on 14,500	193 33
Note under Chapter 211, Acts of 1928 . . . . .	2,533 33
Interest on advances and temporary loans, esti- mated 1928 . . . . .	5,000 00

\$255,541 66

Less adjustment of interest charges in 1927 . . . . . 3,946 92

251,594 74

Maintenance as appropriated

by Legislature . . . . .	\$348,900 00
Less balance on hand . . . . .	4,386 38

\$344,513 62

Pensions (chapter 251, Acts of 1928) . . . . . 7,766 45

352,280 07

Total North Metropolitan sewerage assessment . . . . . \$867,318 64

## NORTH METROPOLITAN SEWERAGE DISTRICT.

*Everett and Malden, Special Assessments (Chapter 512, Acts of 1911).*

Bonds issued . . . . .	\$62,000 00	
Previously assessed . . . . .	36,000 00	
Outstanding . . . . .	\$26,000 00	
Assessment for 1928 is made up as follows:		
Serial bonds due Jan. 1, 1929 . . . . .		\$2,000 00
Interest:		
One year on \$26,000 00 . . . . .	\$910 00	
Four months on 2,000 00 . . . . .	23 33	
		933 33
		<u>\$2,933 33</u>

Everett and Malden, one-half each.

## METROPOLITAN SEWERAGE DISTRICT.

*Debt, South System.*

Gross sewerage, south system, debt, April 1, 1928:

Bonds outstanding (sinking fund) . . . . .	\$8,877,912 00	
Bonds outstanding (serial) . . . . .	818,000 00	
		\$9,695,912 00
a decrease for the year of \$32,000.00.		
Sinking fund April 1, 1928 . . . . .		3,795,792 28
an increase for the year of \$330,622.51.		
Net sewerage, south system, debt, April 1, 1928 . . . . .		<u>\$5,900,119 72</u>

a decrease for the year of \$362,622.51.

*Assessment, South System.*

Sinking fund . . . . .	\$166,883 69	
Serial bonds . . . . .	31,000 00	
Interest:		
One year on \$9,695,912 . . . . .	\$334,632 36	
Interest on advances and temporary loans, estimated, 1928 . . . . .	8,000 00	
	\$342,632 36	
Adjustment of interest charges in 1927 . . . . .	3,105 15	
		339,527 21
Maintenance as appropriated by Legislature . . . . .	\$243,000 00	
Less balance on hand . . . . .	18,407 01	
	\$224,592 99	
Pensions (chapter 251, Acts of 1928) . . . . .	11,175 02	
		235,768 01
Total South Metropolitan sewerage assessment . . . . .		<u>\$773,178 91</u>



## METROPOLITAN SEWERAGE LOAN.

*North System — Assessment.*

CITIES AND TOWNS	Sinking Fund	Serial Bonds and Note <sup>1</sup>	Interest	Maintenance	Total
Arlington . . . .	\$1,062 75	\$13,716 45	\$14,114 46	12,752 54	\$41,646 20
Belmont . . . .	681 98	8,802 00	9,057 41	7,785 39	26,326 78
Boston . . . .	2,002 36	25,843 65	26,593 56	53,335 20	107,774 77
Cambridge . . . .	3,726 25	48,093 15	49,488 69	61,085 37	162,393 46
Chelsea . . . .	1,208 62	15,599 10	16,051 74	24,131 18	56,990 64
Everett . . . .	1,255 98	16,210 35	16,680 73	21,489 08	55,636 14
Lexington . . . .	219 75	2,836 20	2,918 50	2,536 42	8,510 87
Malden . . . .	1,290 08	16,650 45	17,133 60	26,456 23	61,530 36
Medford . . . .	1,345 01	17,359 50	17,863 23	24,307 32	60,875 06
Melrose . . . .	615 67	7,946 25	8,176 83	10,286 58	27,025 33
Reading . . . .	303 10	3,912 00	4,025 52	4,438 73	12,679 35
Revere . . . .	771 01	9,951 15	10,239 91	16,979 90	37,941 97
Somerville . . . .	2,299 78	29,682 30	30,543 60	50,552 19	113,077 87
Stoneham . . . .	248 16	3,202 95	3,295 89	4,650 10	11,397 10
Wakefield . . . .	452 76	5,843 55	6,013 11	7,961 53	20,270 95
Winchester . . . .	587 26	7,579 50	7,799 44	5,918 31	21,884 51
Winthrop . . . .	483 07	6,234 75	6,415 67	8,243 35	21,376 84
Woburn . . . .	390 24	5,036 70	5,182 85	9,370 65	19,980 44
	\$18,943 83	\$244,500 00	\$251,594 74	\$352,280 07	\$867,318 64 <sup>2</sup>

<sup>1</sup> Issued under Chapter 211, Acts of 1928.<sup>2</sup> Exclusive of \$2,933.33 special assessments on Everett and Malden which are included on page 4.

## METROPOLITAN SEWERAGE LOAN, NORTH SYSTEM.

*Sinking Fund.*

BONDS ISSUED AND AMOUNTS ALREADY PROVIDED FOR	Due Dates	Dec. 1, 1927 Sinking Fund	Amount of Dec. 1, 1927 Sinking Fund at Maturity of Loan. Accumulations reckoned at 3½ Per Cent.	Balance	Portion of Balance to be provided for this year	Sinking Fund requirements for 1928
\$5,330,000 (5,330,000)	Jan., 1930 Sunk	\$4,985,467 05	\$5,370,025 34	-	-	-
265,000 (245,126)	Jan., 1930 Sunk	236,571 77	254,819 94	\$255,306 06	\$9,573 98	\$9,224 81
200,000 (200,000)	Jan., 1930 Sunk	185,794 02	200,125 40	-	-	-
250,000 (114,582)	July, 1943 Sunk	69,456 37	123,540 21	241,041 79	8,034 72	4,688 23
50,000 (22,918)	Jan., 1943 Sunk	14,121 28	24,654 87	48,263 13	1,608 77	956 31
55,000 (25,208)	July, 1943 Sunk	17,575 61	31,261 27	48,946 73	1,631 56	952 01
300,000 (82,500)	Jan., 1949 Sunk	45,356 62	98,964 81	283,535 19	4,725 58	2,247 76
113,000 (31,074)	Jan., 1949 Sunk	15,461 77	33,736 44	110,337 56	1,838 96	874 71
\$6,563,000 (6,051,408)	- Sunk	\$5,569,804 49	\$6,137,128 28	\$987,430 46	\$27,413 57	\$18,943 83

## METROPOLITAN SEWERAGE LOAN, NORTH SYSTEM.

*Amounts provided for and to be provided for.*

BONDS ISSUED	Due Dates	Amounts provided for	Amounts to be provided for	1928
\$5,330,000	1930	1/8 + 1/6 + 1/3 + 30/80	-	-
265,000	1930	70/240 + 1/3 + 24/80	6/80	3/80
200,000	1930	49/240 + 1/3 + 1110/2400	-	-
300,000	1943	1/8 + 1/6 + 5/30	5/30 + 3/8	1/30
55,000	1943	1/8 + 1/6 + 5/30	5/30 + 3/8	1/30
300,000	1949	1/8 + 9/60	1/60 + 1/3 + 3/8	1/60
113,000	1949	1/8 + 9/60	1/60 + 1/3 + 3/8	1/60

## NORTH METROPOLITAN SYSTEM.

*Ratios of Contribution on the basis of the Valuations of 1927 and the Census Returns of 1925. Assessment made by the Metropolitan District Commission.*

CITIES AND TOWNS	State Valuation, Acts of 1928, Chapter 330	Proportion for Interest, Sinking Fund and Serial Bonds (Per Cent.)	Population, State Census, 1925	Proportion for Main- tenance and Operation (Per Cent.)
Arlington . . . . .	\$58,048,298	5.61	24,943	3.62
Belmont . . . . .	37,309,621	3.60	15,256	2.21
Boston:				
Charlestown and East Boston . . . . .	109,388,928	10.57	104,452	15.14
Cambridge . . . . .	203,545,762	19.67	119,669	17.34
Chelsea . . . . .	66,069,273	6.38	47,247	6.85
Everett . . . . .	68,571,096	6.63	42,072	6.10
Lexington . . . . .	12,000,000 <sup>1</sup>	1.16	5,000 <sup>2</sup>	0.72
Malden . . . . .	70,532,812	6.81	51,789	7.51
Medford . . . . .	73,510,033	7.10	47,627	6.90
Melrose . . . . .	33,595,131	3.25	20,165	2.92
Reading . . . . .	16,592,628	1.60	8,693	1.26
Revere . . . . .	42,141,260	4.07	33,261	4.82
Somerville . . . . .	125,635,396	12.14	99,032	14.35
Stoneham . . . . .	13,595,902	1.31	9,084	1.32
Wakefield . . . . .	24,740,606	2.39	15,611	2.26
Winchester . . . . .	32,080,106	3.10	11,565	1.68
Winthrop . . . . .	26,418,964	2.55	16,158	2.34
Woburn . . . . .	21,323,336	2.06	18,370	2.66
Totals . . . . .	\$1,035,099,152	100.00	689,994	100.00

<sup>1</sup> 64.45% of the Town Valuation, derived from figures certified by the Board of Assessors of Lexington.

<sup>2</sup> See Letter of F. J. Spencer, Sec'y of the Board of Assessors.

## METROPOLITAN SEWERAGE LOAN.

*South System — Assessment.*

CITIES AND TOWNS	Sinking Fund	Serial Bonds	Interest	Maintenance	Total
Boston . . . . .	\$68,605 89	\$12,744 10	\$139,579 64	\$125,711 51	\$346,641 14
Brookline . . . . .	24,615 34	4,572 50	50,080 26	18,059 83	97,327 93
Dedham . . . . .	3,387 74	629 30	6,892 40	5,587 70	16,497 14
Milton . . . . .	4,956 45	920 70	10,083 96	5,446 24	21,407 35
Needham . . . . .	2,920 46	542 50	5,941 73	3,795 86	13,200 55
Newton . . . . .	21,444 55	3,983 50	43,629 25	22,421 54	91,478 84
Quincy . . . . .	19,341 82	3,592 90	39,351 20	25,415 79	87,701 71
Waltham . . . . .	8,611 20	1,599 60	17,519 60	14,711 92	42,442 32
Watertown . . . . .	7,910 29	1,469 40	16,093 59	10,774 60	36,247 88
Wellesley . . . . .	5,089 95	945 50	10,355 58	3,843 02	20,234 05
	\$166,883 69	\$31,000 00	\$339,527 21	\$235,768 01	\$773,178 91 <sup>1</sup>

<sup>1</sup> Needham is also assessed \$11,103.38 under Section 2 of Chapter 59 of the Acts of 1924 (Second Assessment.)

## METROPOLITAN SEWERAGE LOAN, SOUTH SYSTEM, SINKING FUND.

BONDS ISSUED AND AMOUNTS ALREADY PROVIDED FOR	Due Dates	Sinking Fund Dec. 1, 1927	*Amount of Dec. 1, 1927 Sinking Fund at Maturity of Loan. Ac- cumulations reckoned at 3½ Per Cent.	Balance	Portion of Balance to be provided for this Year	Sinking Fund Re- quirements for 1928
\$800,000 (800,000)	Jan., 1930 Sunk	\$751,714 40	\$809,698 54	-	-	-
839,000 (618,763)	Mar., 1935 Sunk	518,670 57	672,726 14	\$785,036 86	\$29,438 88	\$23,556 45
65,000 (45,500)	Mar., 1936 Sunk	36,717 64	49,426 14	61,073 86	2,290 27	1,765 79
1,024,912 (606,407)	July, 1939 Sunk	431,350 95	661,281 01	970,037 99	32,334 60	21,890 08
3,586,000 (2,002,183)	July, 1940 Sunk	1,363,889 42	2,170,049 79	3,418,133 21	113,937 77	74,321 15
996,000 (456,500)	Jan., 1943 Sunk	282,456 10	493,150 64	959,349 36	31,978 31	19,009 12
392,000 (166,600)	July, 1944 Sunk	96,786 91	178,668 56	379,931 44	12,664 38	7,120 13
175,000 (62,708)	Jan., 1946 Sunk	43,227 45	84,371 15	153,336 85	5,111 23	2,717 86
1,000,000 (358,333)	Jan., 1946 Sunk	218,903 24	427,254 42	931,078 58	31,035 95	16,503 11
\$8,877,912 (5,116,994)	- Sunk	\$3,743,716 68	\$5,546,626 39	\$7,657,978 15	\$258,791 39	\$166,883 69

## METROPOLITAN SEWERAGE LOAN, SOUTH SYSTEM.

*Amounts provided for and to be provided for.*

BONDS ISSUED	Due Dates	Amount provided for	Amount to be provided for	1928
\$800,000	1930	1/8 + 1/6 + 1/3 + 30/80	-	-
839,000	1935	1/8 + 1/6 + 1/3 + 9/80	21/80	3/80
65,000	1936	1/8 + 1/6 + 1/3 + 6/80	24/80	3/80
1,024,912	1939	1/8 + 1/6 + 9/30	1/30 + 3/8	1/30
3,586,000	1940	1/8 + 1/6 + 8/30	2/30 + 3/8	1/30
996,000	1943	1/8 + 1/6 + 5/30	5/30 + 3/8	1/30
392,000	1944	1/8 + 1/6 + 4/30	6/30 + 3/8	1/30
175,000	1946	1/8 + 1/6 + 2/30	8/30 + 3/8	1/30
1,000,000	1946	1/8 + 1/6 + 2/30	8/30 + 3/8	1/30

## SOUTH METROPOLITAN SYSTEM.

*Ratios of Contribution on the Basis of the Valuation of 1927 and the Census Returns of 1925. Assessment made by the Metropolitan District Commission.*

CITIES AND TOWNS	State Valuation, Acts of 1928, Chapter 330	Proportion for Interest, Sinking Fund and Serial Bonds (Per Cent.)	Population, State Census, 1925	Proportion for Main- tenance and Operation (Per Cent.)
Boston	\$475,599,930	41.11	297,116	53.32
All of Brighton and Hyde Park, and Parts of Back Bay, Rox- bury, West Roxbury and Dor- chester.				
Brookline . . . . .	170,686,538	14.75	12,681	7.66
Dedham . . . . .	23,528,369 <sup>1</sup>	2.03	13,230 <sup>2</sup>	2.37
Milton . . . . .	34,322,680	2.97	12,861	2.31
Needham . . . . .	20,272,040	1.75	8,977	1.61
Newton . . . . .	148,629,292	12.85	53,003	9.51
Quincy . . . . .	134,137,956	11.59	60,055	10.78
Waltham . . . . .	59,688,786	5.16	34,746	6.24
Watertown . . . . .	54,553,109	4.74	25,480	4.57
Wellesley . . . . .	35,281,839	3.05	9,049	1.63
	\$1,157,000,539	100.00	557,198	100.00

<sup>1</sup> 96.10% of the town valuation, derived from figures certified by the Board of Assessors of Dedham.<sup>2</sup> After deducting 688. Population of outer area of Dedham.

## METROPOLITAN PARKS AND SEWERAGE LOANS.

## Comparison of Assessments 1927 and 1928.

CITIES AND TOWNS	PARKS		SEWER	
	1927	1928	1927	1928
Arlington . . . . .	\$32,292 46	\$36,930 82	\$36,614 27	\$41,646 20
Belmont . . . . .	19,626 89	23,671 82	22,072 00	26,326 78
Boston . . . . .	1,663,799 39	1,375,141 19	474,925 46	454,415 91
Braintree . . . . .	14,619 73	15,702 12	—	—
Brookline . . . . .	96,597 52	95,954 52	98,203 00	97,327 93
Cambridge . . . . .	266,989 42	134,322 56	177,469 03	162,393 46
Canton . . . . .	7,163 19	6,524 87	—	—
Chelsea . . . . .	47,216 46	44,435 45	58,643 25	56,990 64
Cohasset . . . . .	271 49	276 88	—	—
Dedham . . . . .	15,844 51	15,613 24	16,181 47	16,497 14
Dover . . . . .	2,404 34	2,108 31	—	—
Everett . . . . .	47,258 86	44,465 76	59,062 98	57,102 81
Hingham . . . . .	9,127 89	8,739 49	—	—
Hull . . . . .	11,697 30	10,004 43	—	—
Lexington . . . . .	—	—	9,115 72	8,510 87
Lynn . . . . .	105,932 67	95,619 15	—	—
Malden . . . . .	52,934 49	50,115 74	63,172 41	62,997 02
Medford . . . . .	50,215 20	51,169 49	57,070 05	60,875 06
Melrose . . . . .	22,495 67	21,679 67	27,452 61	27,025 33
Milton . . . . .	20,183 62	20,310 91	20,969 02	21,407 35
Nahant . . . . .	3,789 54	3,069 66	—	—
Needham . . . . .	12,509 91	12,323 89	24,266 20	24,303 93
Newton . . . . .	86,353 65	87,314 44	89,506 56	91,478 84
Quincy . . . . .	199,334 71	196,440 99	78,328 20	87,701 71
Reading . . . . .	—	—	12,362 71	12,679 35
Revere . . . . .	30,710 46	29,085 54	38,681 92	37,941 97
Saugus . . . . .	9,836 29	10,191 54	—	—
Somerville . . . . .	95,587 59	89,585 40	115,232 69	113,077 87
Stoneham . . . . .	9,323 75	9,446 73	10,822 64	11,397 10
Swampscott . . . . .	14,388 23	15,866 88	—	—
Wakefield . . . . .	16,703 00	16,146 13	20,498 79	20,270 95
Waltham . . . . .	41,208 04	38,260 15	43,833 84	42,442 32
Watertown . . . . .	32,880 16	33,628 43	34,724 91	36,247 88
Wellesley . . . . .	20,484 24	19,888 08	20,822 63	20,234 05
Weston . . . . .	5,750 81	5,286 31	—	—
Westwood . . . . .	2,831 81	2,563 29	—	—
Weymouth . . . . .	18,296 78	25,529 72	—	—
Winchester . . . . .	18,773 61	18,875 41	21,774 84	21,884 51
Winthrop . . . . .	17,127 10	17,120 47	21,044 24	21,376 84
Woburn . . . . .	17,449 63	15,082 52	21,879 80	19,980 44
	\$3,140,010 41	\$2,698,492 00	\$1,674,731 24	\$1,654,534 26

## STATEMENT IV.

## CHARLES RIVER BASIN LOAN.

Gross Charles River Basin debt, April 1, 1928:

Bonds outstanding (sinking fund) . . . . \$4,125,000 00

Bonds outstanding (serial) . . . . . 213,000 00

\$4,338,000 00

a decrease for the year of \$10,000.

Sinking fund, April 1, 1928 . . . . . 1,929,744 69

an increase for the year of \$89,015.72.

Net Charles River Basin debt, April 1, 1928 . . . . . \$2,408,255 31

a decrease for the year of \$99,015.72.



*Total Charles River Basin Assessment for 1928 — District.*

Serial bonds . . . . .			\$10,000 00
Interest:			
One year on \$4,125,000 . . . . .	\$142,250 00		
Six months on 223,000 . . . . .	4,030 00		
Six months on 213,000 . . . . .	3,850 00		
Interest on advances and temporary loans, estimated, 1928 . . . . .	5,000 00		
		\$155,130 00	
Adjustment of interest charges in 1927 . . . . .	\$735 94		
Interest on Bridge . . . . .	41,381 82	42,117 76	
			113,012 24
Maintenance as appropriated by Legislature . . . . .	\$226,100 00		
Less balance on hand . . . . .	8,667 93		
		\$217,432 07	
Pensions (chapter 251, Acts of 1928) . . . . .		7,722 25	
			225,154 32
Total Charles River Basin assessment . . . . .			\$348,166 56

*Charles River Bridge.*

Sinking fund . . . . .			\$10,287 85
Interest . . . . .			41,381 82
			<u>\$51,669 67</u>

Boston and Cambridge, one-half each.

## CHARLES RIVER BASIN LOAN SINKING FUND.

*District.*

BONDS ISSUED	Due Dates	Sinking Fund Dec. 1, 1927	Amount Dec. 1, 1927 Sinking Fund at Maturity of Loan. Accumulations reckoned at 3½ Per Cent.	Balance to be provided for	Sinking Fund Requirements for 1928
\$177,272 73	Jan., 1944	\$99,834 75	\$180,902 94	—	—
283,636 36	Jan., 1945	153,909 87	289,444 70	—	—
425,454 55	Jan., 1946	222,444 92	434,167 06	—	—
815,454 55	Jan., 1947	410,803 22	832,153 53	—	—
283,636 36	Jan., 1948	137,676 78	289,444 67	—	—
602,727 28	Jan., 1949	281,893 09	615,069 99	—	—
336,818 17	Jan., 1950	151,783 25	343,715 56	—	—
\$2,925,000 00	—	\$1,458,345 88	\$2,984,898 45	—	—

*Boston and Cambridge, Charles River Bridge.*

\$72,727 27	Jan., 1944	\$36,115 80	\$65,442 69	\$7,284 58	\$339 56
116,363 64	Jan., 1945	57,332 14	107,819 49	8,544 15	367 26
174,545 45	Jan., 1946	73,832 06	144,105 10	30,440 35	1,210 57
334,545 45	Jan., 1947	125,406 32	254,032 36	80,513 09	2,971 26
116,363 64	Jan., 1948	39,551 48	83,151 02	33,212 62	1,140 43
247,272 72	Jan., 1949	75,557 32	164,860 51	82,412 21	2,639 28
138,181 83	Jan., 1950	37,128 95	84,079 09	54,102 74	1,619 49
\$1,200,000 00	—	\$444,924 07	\$903,490 26	\$296,509 74	\$10,287 85



## ANALYSIS OF CHARLES RIVER BASIN DEBT, JULY 1, 1923.

DEBT	Total	Cambridge, Charles River Bridge	Boston, Charles River Bridge	District
Gross debt . . . .	\$4,338,000 00	\$600,000 00	\$600,000 00	\$3,138,000 00
Sinking fund . . . .	1,939,119 69	226,652 30	226,652 30	1,485,815 09
	<u>\$2,398,880 31</u>	<u>\$373,347 70</u>	<u>\$373,347 70</u>	<u>\$1,652,184 91</u>

## CHARLES RIVER BASIN LOAN — ASSESSMENT.

(For Table of percentages see page 14.)

CITIES AND TOWNS	Serial Bonds	Interest	Maintenance	Total
Arlington . . . . .	\$146 98	\$1,661 05	\$3,309 32	\$5,117 35
Belmont . . . . .	94 47	1,067 63	2,127 03	3,289 13
Boston . . . . .	5,199 19	58,757 21	117,062 01	181,018 41
Braintree . . . . .	63 30	715 37	1,425 23	2,203 90
Brookline . . . . .	432 20	4,884 39	9,731 17	15,047 76
Cambridge . . . . .	515 40	5,824 65	11,604 45	17,944 50
Canton . . . . .	25 81	291 69	581 12	898 62
Chelsea . . . . .	167 29	1,890 58	3,766 61	5,824 48
Dedham . . . . .	61 99	700 56	1,395 73	2,158 28
Dover . . . . .	9 37	105 89	210 97	326 23
Everett . . . . .	173 63	1,962 23	3,909 35	6,045 21
Hingham . . . . .	36 65	414 19	825 19	1,276 03
Hull . . . . .	47 21	533 53	1,062 95	1,643 69
Lynn . . . . .	358 30	4,049 23	8,067 28	12,474 81
Malden . . . . .	178 60	2,018 40	4,021 26	6,218 26
Medford . . . . .	186 14	2,103 61	4,191 02	6,480 77
Melrose . . . . .	85 07	961 40	1,915 39	2,961 86
Milton . . . . .	86 91	982 19	1,956 82	3,025 92
Nahant . . . . .	13 51	152 68	304 18	470 37
Needham . . . . .	51 33	580 09	1,155 72	1,787 14
Newton . . . . .	376 35	4,253 22	8,473 68	13,103 25
Quincy . . . . .	339 65	3,838 46	7,647 37	11,825 48
Revere . . . . .	106 71	1,205 96	2,402 62	3,715 29
Saugus . . . . .	36 09	407 86	812 58	1,256 53
Somerville . . . . .	318 12	3,595 15	7,162 61	11,075 88
Stoneham . . . . .	34 43	389 10	775 21	1,198 74
Swampscott . . . . .	69 20	782 04	1,558 07	2,409 31
Wakefield . . . . .	62 65	708 02	1,410 59	2,181 26
Waltham . . . . .	151 14	1,708 07	3,402 98	5,262 19
Watertown . . . . .	138 89	1,569 63	3,127 17	4,835 69
Wellesley . . . . .	89 34	1,009 65	2,011 53	3,110 52
Weston . . . . .	23 15	261 62	521 23	806 00
Westwood . . . . .	10 87	122 84	244 74	378 45
Weymouth . . . . .	107 94	1,219 85	2,430 32	3,758 11
Winchester . . . . .	81 23	918 00	1,828 93	2,828 16
Winthrop . . . . .	66 90	756 05	1,506 28	2,329 23
Woburn . . . . .	53 99	610 15	1,215 61	1,879 75
	<u>\$10,000 00</u>	<u>\$113,012 24</u>	<u>\$225,154 32</u>	<u>\$348,166 56<sup>1</sup></u>

<sup>1</sup> Exclusive of \$51,669.67 special assessments on Boston and Cambridge, which are included on page 4.

	Metropolitan Parks	Metropolitan Parks, Nantasket	Metropolitan Parks, Boulevards	Metropolitan Sewerage, North System	Metropolitan Sewerage, South System	Metropolitan Water	Charles River Basin	TOTAL
Bonds outstanding (Sinking Fund)	\$8,660,000	\$700,000	\$2,567,937	\$6,563,000	\$8,877,912	\$41,381,000	\$4,125,000	
Bonds outstanding (Sinking Fund)	69,500	—	1,577,937	1,160,000	818,000	4,381,000	213,000	
Gross debt	\$8,729,500	\$700,000	\$4,145,437	\$7,723,000	\$9,695,912	\$45,779,000	\$4,338,000	
Sinking Funds, July 1, 1928	5,507,622	413,861	1,536,062	5,674,812	3,814,256	25,332,398	1,939,119	
Net debt	\$3,221,877	\$286,138	\$2,609,374	\$2,048,187	\$5,881,655	\$20,446,601	2,398,880	
	For percentages	For percentages	For percentages	For percentages	For percentages	For percentages	For percentages	
	see page 14	see page 16	see page 14	see page 27	see page 28	see page 8	see page 12	
Arlington	\$47,355	4,194	34,327	\$113,444	—	\$275,170	\$24,283	\$498,775
Belmont	30,437	2,696	22,063	72,798	—	168,030	15,608	311,633
Boston	1,675,115	148,370	1,330,094	213,745	2,417,948	13,729,974	1,232,350	20,747,397
Brantree	1,309,449	1,806	14,783	71	53	10,458	33	47,442
Brookline	20,249	12,333	100,940	—	—	71,407	43	1,974,089
Cambridge	166,055	14,708	120,371	397,764	867,544	458,501	31	1,157,400
Cambridge	8,315	736	6,027	93	—	19,344	41	1,157,400
Canton	53,898	4,774	39,070	129,015	—	470,108	25	724,506
Chelsea	—	766	—	—	—	—	—	766
Cohasset	19,372	1,769	14,477	—	119,397	—	—	165,858
Dedham	3,018	267	2,188	—	—	—	—	7,022
Dorchester	55,941	4,955	40,551	147,071	—	639,467	45	916,473
Everett	11,808	1,046	8,559	61	—	6,055	26	27,669
Hingham	15,210	1,347	11,025	89	—	7,799	96	35,383
Hull	—	—	—	—	—	—	—	115,937
Lexington	115,439	10,224	83,680	23,457	—	92,479	98	268,543
Lynn	57,542	5,096	41,712	150,710	—	493,748	29	780,318
Malden	59,972	5,311	43,472	143,575	—	30,753	77	736,080
Medford	27,408	2,927	19,868	65,721	—	339,303	46	339,303
Methuen	28,001	2,480	20,297	83	174,685	14,359	14	383,829
Milton	16,552	1,385	11,858	25	—	2,432	10	38,669
Nahant	121,255	10,739	87,896	—	102,928	64,917	96	1,102,782
Newton	109,431	9,692	166,192	—	753,782	800,095	95	1,823,912
Quincy	—	—	—	—	681,653	56,116	46	82,855
Reading	—	—	—	—	—	—	—	492,557
Revere	34,380	3,045	24,922	32,355	—	330,376	18	17,630
Saugus	11,627	1,029	8,428	82	—	—	—	5,962
Somerville	102,494	9,078	74,296	245,493	59	1,061,955	57	1,545,878
Stonemham	11,092	982	8,041	26,490	66	77,104	13	129,399
Swampscott	22,295	1,974	16,161	66	—	11,433	12	172,193
Wakefield	20,185	1,787	14,631	90	—	10,350	94	95,285
Waltham	48,695	4,312	35,298	74	303,493	24,971	12	416,771
Watertown	44,748	3,963	32,437	75	278,790	22,947	20	716,382
Wellesley	28,784	2,549	20,865	35	179,390	14,760	62	246,350
Weston	7,458	660	5,458	69	—	3,824	81	17,350
Westwood	3,502	310	2,538	68	—	1,795	92	8,146
Weymouth	34,776	3,080	25,209	38	—	17,833	68	80,900
Weymouth	26,171	2,318	18,971	28	—	13,420	70	123,569
Winthrop	21,554	1,909	15,624	49	—	11,053	12	270,575
Woburn	17,394	1,540	12,609	36	—	8,920	15	82,122
TOTAL	\$3,221,877	\$286,138	\$2,538,190	\$2,048,187	\$5,881,655	\$20,446,601	2,398,880	\$36,821,531

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*Mass. Treasury Department*

The Commonwealth of Massachusetts

1929

ASSESSMENTS

FOR

INTEREST, SINKING FUNDS,  
SERIAL BONDS AND MAINTENANCE

OF THE

METROPOLITAN DISTRICTS

ISSUED BY THE  
TREASURER AND RECEIVER-GENERAL



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TREASURY DEPARTMENT, Sept. 3, 1929.

Under the provisions of section 11 of chapter 10 of the General Laws the following computations for annual assessments for interest, sinking funds, serial bond payments and maintenance for 1929, to be paid by the cities and towns comprising the Metropolitan Districts, are compiled and printed as a public document and herewith submitted.

Since September 1, 1928, there have been issued Metropolitan Additional Water Loan bonds to the amount of \$8,000,000, making a total of \$9,000,000 of the bonds of said loan issued to date.

The following sections of chapter 92 of the General Laws show the manner of computing the proportions in which the cities and towns of the several metropolitan districts shall annually pay money into the treasury of the Commonwealth to meet the assessments against said districts:—

*Metropolitan Sewer.*

SECTION 5. The proportions in which each of the towns belonging in whole or in part to the north metropolitan and south metropolitan sewerage districts, respectively, shall annually pay money to the commonwealth to meet interest and sinking fund requirements for each year, as estimated by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him, shall be based upon the respective taxable valuations of the property of said towns, as last established by the general court as a basis of apportionment for state and county taxes.

SECTION 6. The proportions in which each of the towns belonging in whole or in part to either sewerage district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance and operation of the respective sewerage systems, as estimated by the commission and certified by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him, shall be based upon the respective populations of said towns as ascertained by the last preceding state or national census. If less than the whole area of any town is included in either of said metropolitan sewerage systems, the valuation and population only of that part of the town included in either of said systems, as determined by the commission, shall be used as a basis in determining the proportion and amount which it shall pay as its share of interest and sinking fund requirements and of the cost of maintenance and operation of works as required by this and the preceding section.

SECTION 7. The commission shall annually, in accordance with the two preceding sections, determine for each system the proportion in which each of the towns belonging in whole or in part to such system, shall annually pay money to the commonwealth to meet interest and sinking fund requirements and the cost of maintenance and operation of such system, and shall transmit its determinations to the state treasurer.

*Metropolitan Water.*

SECTION 26. The state treasurer, for the purpose of making the apportionment to the towns in the metropolitan water district of the amount required in each year to pay the interest, sinking fund requirements and expenses of maintenance and operation of the metropolitan water system, shall, in each year, apportion such amount to the towns in said district, one third in proportion to their valuation for the preceding year and the remaining two-thirds in proportion to their consumption, in said year, of water received from all sources of supply as determined by the commission and certified to said treasurer; provided, that there shall be included in reckoning such proportion only one fifth of the total valuation, and nothing for consumption of water, for any town which has not reached the safe capacity of its present sources of supply or of the sources of supply of the water company by which it is supplied, determined as aforesaid, or which has not made application to said commission for water; and provided, further, that any town assessed upon its full valuation which obtains a part of its water supply from its own works or receives a supply from a water company shall be allowed and credited in its apportionment with a sum equal to twelve dollars for each million gallons of water furnished as aforesaid, as determined by said com-

mission and certified to said treasurer. The state treasurer shall annually notify each town of the amount of its assessment, and the same shall be paid by the town to the commonwealth at the time required for the payment of and as part of its state tax. . . .

### *Metropolitan Parks.*

SECTION 54. The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles river basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles river basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

SECTION 55. The proportion in which each town of said district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance of reservations, exclusive of Nantasket beach reservation and the Charles river basin, and any deficiency in the amounts previously paid in, as found by said treasurer, shall be apportioned according to the average percentage of valuation and population, determined as to any town by adding together the percentage which the valuation of the same bears to the total valuation of the towns of the district and the percentage which the population of the same bears to the total population of the towns of the district, and dividing this sum by two.

SECTION 56. (As amended by chapter 288 of the Acts of 1925.) The proportion in which each town of the metropolitan parks district, including Cohasset with respect to the maintenance of Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance of said reservation and the Charles river basin and one half the cost of maintenance of boulevards and any deficiency in the amounts previously paid in, as found by said treasurer, shall be based upon the respective taxable valuations of the property of said towns. The remaining half of the cost of maintenance of boulevards shall be annually appropriated by the general court from the Highway Fund.

SECTION 57. The commission shall annually, in accordance with the provisions of the three preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance of reservations and boulevards, and shall transmit the determination of the commission to the state treasurer.

SECTION 58. The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and the deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury at the time required for the payment of its proportion of the state tax.

SECTION 59. For the purposes of the five preceding sections, the words "taxable valuations of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the general court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the latest census, state or national, next prior to such apportionment.

JOHN W. HAIGIS.  
*Treasurer and Receiver General.*

*Total Assessments for Metropolitan Districts for 1929.*

CITIES AND TOWNS.	Metropolitan Water	Metropolitan Parks and Boulevards	Metropolitan Sewerage North and South Systems	Charles River Basin	Total
Arlington . . . . .	\$53,284 42	\$56,614 35	\$39,319 13n	\$5,444 88	\$154 662 78
Belmont . . . . .	33,437 04	35,862 96	24,617 71n	3,445 27	97,362 98
Boston . . . . .	2,459,496 77	1,875,803 56	{ 100,183 82n 6,666 66 326,549 09s }	221,788 73	4,990,488 63
Braintree . . . . .	—	16,075 28	26,656 44s	2,338 85	45,070 57
Brookline . . . . .	143,609 12	393,227 85	88,812 45s	15,967 47	641,616 89
Cambridge . . . . .	—	998,290 72	152,033 16n	44,880 92	1,195,204 80
Canton . . . . .	—	6,891 34	12,392 52s	991 69	20,275 55
Chelsea . . . . .	86,511 04	68,290 03	52,974 48n	6,132 42	213,907 97
Cohasset . . . . .	—	286 81	—	—	286 81
Dedham . . . . .	—	25,391 17	15,800 06s	2,449 05	43,640 28
Dover . . . . .	—	2,332 19	—	379 24	2,711 43
Everett . . . . .	117,282 56	72,854 32	56,337 96n	6,965 25	253,440 09
Hingham . . . . .	—	9,232 76	—	1,408 29	10,641 05
Hull . . . . .	—	9,923 15	—	1,695 47	11,618 62
Lexington . . . . .	18,787 80	6,070 97	8,304 83n	—	33,163 60
Lynn . . . . .	—	99,590 11	—	13,510 50	113,100 61
Malden . . . . .	89,254 07	76,525 40	60,003 17n	6,821 10	232,603 74
Medford . . . . .	81,907 30	78,764 04	58,271 41n	7,135 06	226,077 81
Melrose . . . . .	39,111 42	35,814 53	26,793 55n	3,440 37	105,159 87
Milton . . . . .	26,950 47	36,116 46	21,643 76s	3,680 36	88,391 05
Nahant . . . . .	5,061 52	3,076 82	—	488 67	8,627 01
Needham . . . . .	—	20,305 47	23,690 55s	2,014 71	46,010 73
Newton . . . . .	12,227 39	145,689 07	87,478 56s	14,813 89	260,208 91
Norwood . . . . .	—	—	34,772 87s	—	34,772 87
Quincy . . . . .	146,965 01	144,031 90	81,599 19s	12,926 73	385,522 83
Reading . . . . .	—	—	11,812 19	—	11,812 19
Revere . . . . .	56,680 91	42,088 98	35,421 94n	3,958 85	138,150 68
Saugus . . . . .	—	14,817 32	—	1,317 73	16,135 05
Somerville . . . . .	195,150 98	633,222 97	105,517 78n	11,791 64	945,683 37
Stonham . . . . .	15,081 19	14,041 08	10,589 30n	1,254 71	40,966 28
Stoughton . . . . .	—	—	12,268 41s	—	12,268 41
Swampscott . . . . .	21,767 13	15,995 19	—	2,518 48	40,280 80
Wakefield . . . . .	—	16,355 57	18,777 65n	2,279 23	37,412 45
Walpole . . . . .	—	—	19,259 06s	—	19,259 06
Waltham . . . . .	—	59,193 48	38,868 10s	5,640 72	103,702 30
Watertown . . . . .	59,970 35	54,373 82	34,059 60s	5,363 37	153,767 14
Wellesley . . . . .	—	30,825 83	17,936 87s	3,186 78	51,949 48
Weston . . . . .	—	8,288 82	—	843 77	9,132 59
Westwood . . . . .	—	2,741 16	—	423 77	3,164 93
Weymouth . . . . .	—	27,714 77	—	4,284 13	31,998 90
Winchester . . . . .	—	29,363 55	20,436 19n	2,953 95	52,753 69
Winthrop . . . . .	29,309 56	25,904 35	19,885 19n	2,440 36	77,539 46
Woburn . . . . .	—	23,246 39	19,074 38n	2,092 44	44,413 21
	\$3,691,846 05	\$5,215,234 54 <sup>1</sup>	\$1,668,808 03 <sup>2</sup>	\$429,068 85 <sup>3</sup>	\$11,004,957 47

<sup>1</sup> n North System.

<sup>2</sup> s South System.

<sup>1</sup> Includes \$41,570.51 special assessments for Alewife Brook, Neponset Bridge and Wellington Bridge; \$27,173.38 Division of Metropolitan Planning; \$47,626.56 on account of cost of construction of Southern Traffic Route; \$1,250,000.00 on account of cost of construction of Northern Traffic Route; \$1,640,802.80 on account of cost of construction of Brookline Street-Essex Street-Cottage Farm Bridge.

<sup>2</sup> Includes special assessments on Everett and Malden of \$2,863.34; Braintree \$16,041.74; Canton, Norwood, Stoughton and Walpole of \$50,000.00; Needham \$11,103.38; and special assessment on account of investigation of sewerage disposal in Boston Harbor of \$20,000.00.

<sup>3</sup> Includes \$51,712.22 special assessments on Boston and Cambridge.

*Assessments on Counties and Street Railways for 1929.*

	Neponset Bridge Serial Bonds and Interest
Norfolk County . . . . .	\$3,711 83
Plymouth County . . . . .	1,855 91
Bay State Street Railway Company . . . . .	4,785 00
	\$10,352 74 <sup>1</sup>

<sup>1</sup> Fourteenth assessment under Chapter 300, General Acts of 1915 (total assessments, 18) and seventh assessment under Chapter 220, General Acts of 1917 and Chapter 380, Acts of 1922 (total assessments, 20).



*Special Metropolitan Districts Assessments for 1929.*

CITIES AND TOWNS	Alewiffe Brook	Neponset, Bridge, Serial Bonds and Interest	Wellington Bridge Maintenance	Metropolitan Sewerage	Charles River Basin, Bridge, Sink- ing Fund and Interest	Southern Traffic Route	Northern Traffic Route	Total
Arlington	\$1,765 72	-	-	-	-	-	-	\$1,765 72
Belmont	1,250 72	-	-	-	-	-	-	1,250 72
Boston	-	-	-	\$6,666 66 <sup>4</sup>	\$25,856 11	\$21,503 06	-	68,873 14
Braintree	-	\$14,847 31	-	16,041 74 <sup>5</sup>	-	-	-	16,041 74
Cambridge	3,457 88	-	-	-	25,856 11	\$500,000 00	-	529,313 99
Canton	-	-	-	-	-	-	-	7,859 16
Everett	-	-	-	7,859 16 <sup>6</sup>	-	-	-	1,431 67
Falmouth	-	-	-	1,431 67 <sup>7</sup>	-	-	-	3,949 25
Malden	-	-	\$2,517 58	1,431 67 <sup>7</sup>	-	-	-	3,098 56
Medford	-	-	3,098 56	-	-	-	-	11,103 38
Needham	-	-	-	11,103 38 <sup>8</sup>	-	-	-	22,112 63
Norwood	-	-	-	22,112 63 <sup>6</sup>	-	-	-	13,445 69
Quincy	-	11,135 47	-	-	-	2,310 22	-	503,013 12
Somerville	882 86	-	2,130 26	-	-	-	500,000 00	13,484 15
Stonham	-	-	484 15	-	-	-	-	7,790 33
Stoughton	-	-	-	7,790 33 <sup>6</sup>	-	-	-	12,237 88
Walpole	-	-	-	12,237 88 <sup>6</sup>	-	-	-	
	\$7,357 18 <sup>1</sup>	\$25,982 78 <sup>2</sup>	\$8,230 55 <sup>3</sup>	\$86,675 12	\$51,712 22	\$23,813 28 <sup>9</sup>	\$1,000,000 00 <sup>10</sup>	\$1,203,771 13

<sup>1</sup> Nineteenth assessment under Chapter 529, Acts of 1907 (total assessments, 20) and sixteenth assessment under Chapter 458, Acts of 1911 (total assessments, 20).  
<sup>2</sup> Fourteenth assessment under Chapter 300, General Acts of 1915 (total assessments, 18) and seventh assessment under Chapter 220, General Acts of 1917 and Chapter 380, Acts of 1922 (total assessments, 20).  
<sup>3</sup> Fourteenth assessment under Chapter 295, Acts of 1916.

<sup>4</sup> Assessment under Chapter 29, Resolves of 1929.  
<sup>5</sup> First assessment under Chapter 546, Acts of 1910 (total assessments, 5).  
<sup>6</sup> First assessment under Chapter 384, Acts of 1928 (total assessments, 10).  
<sup>7</sup> Eighteenth assessment under Chapter 512, Acts of 1911 (total assessments, 29).  
<sup>8</sup> Third assessment under Chapter 59, Acts of 1924 (total assessments, 5).  
<sup>9</sup> See page 23 for details.  
<sup>10</sup> See page 23 for details.

STATEMENT I.  
METROPOLITAN WATER DISTRICT.  
*Total Water Debt, April 1, 1929.*

Under Metropolitan District Commission:

Gross water debt, April 1, 1929:

Bonds outstanding (sinking fund)	\$41,398,000 00
Bonds outstanding (serial)	3,316,000 00
	<hr/> \$44,714,000 00

a decrease for the year of \$115,000 00.

Sinking Fund, April 1, 1929 . . . . . 26,392,697 17

an increase for the year of \$1,286,281 84

Net debt, April 1, 1929 . . . . . \$18,321,302 83

a decrease for the year of \$1,401,281 84.

Under Metropolitan District Water Supply Commission:

Gross (and Net) Debt, April 1, 1929 . . . . . 8,900,000 00

Total net water debt . . . . . \$27,221,302 83

*Total Water Assessments for 1929.*

Sinking fund requirements (under Metropolitan District Commission) . . . . . \$155,621 70

Serial bonds:

Under Metropolitan District Commission . . . . . \$115,000 00

Under Metropolitan Water Supply Commission . . . . . \$185,000 00

Less: Premium . . . \$41,440 00

Rents and

Sales . . . 24,343 77      65,783 77      119,216 23

Total Serial Bond assessment . . . . . 234,216 23

Interest:

Under Metropolitan District Commission:

One year on \$41,398,000 \$1,393,435 00

Six months on 3,431,000 68,223 75

Six months on 3,316,000 65,940 00

Interest on advances and temporary loans, estimated, 1929 . . . . . 60,000 00

Adjustment of interest charges in 1928 . . . . . 35,347 90

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\$1,622,946 65

Under Metropolitan District Water Supply Commission:

Six months on \$4,950,000 \$97,250 00

Six months on 8,900,000 176,375 00

Interest on advances and temporary loans, estimated, 1929 . . . . . 35,000 00

Adjustment of interest charges in 1928 . . . . . 4,856 28

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313,481 28

Total interest assessment . . . . . \$1,936,427 93

Maintenance as appropriated by Legislature . . . . . \$876,274 85

Less balance on hand . . . . . 50,700 33

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825,574 52

Metropolitan Water construction appropriation, 1929 . . . . . 425,000 00

Total Net Metropolitan Water assessment . . . . . \$3,576,840 38

Credit to Brookline for water furnished . . . . . 115,005 67

Total Metropolitan Water assessment . . . . . \$3,691,846 05



## METROPOLITAN WATER LOAN.

*Sinking Fund.*

BONDS ISSUED	Due Dates	Sinking Fund Dec. 1, 1928	Amount of Dec. 1, 1928, Sinking Fund at Maturity of Loan. Accumulations reckoned at 4 Per Cent.	Balance to be provided for	Sinking Fund Requirements for 1929
\$13,000,000	July, 1935	\$10,004,571 57	\$12,941,980 11	\$58,019 89	\$8,738 40
4,000,000	Jan., 1938	2,723,275 36	3,889,507 79	110,492 21	10,423 64
4,000,000	July, 1939	2,506,628 41	3,799,212 28	200,787 72	16,692 80
10,000,000	Jan., 1941	5,702,548 59	9,172,191 52	827,808 48	54,966 17
3,500,000	Jan., 1942	1,899,211 58	3,178,175 03	321,824 97	19,307 07
2,000,000	Jan., 1943	1,014,794 97	1,766,782 59	233,217 41	12,714 81
2,000,000	Jan., 1944	955,378 16	1,730,535 28	269,464 72	13,417 41
650,000	Jan., 1945	316,177 01	595,848 40	54,151 60	2,473 29
1,350,000	Jan., 1946	576,174 48	1,129,691 48	220,308 52	9,264 79
398,000	Jan., 1949	136,777 53	302,010 21	95,989 79	3,210 15
500,000	Jan., 1950	155,966 42	358,292 99	141,707 01	4,413 17
<b>\$41,398,000</b>	<b>- -</b>	<b>\$25,991,504 08</b>	<b>\$38,864,227 68</b>	<b>\$2,533,772 32</b>	<b>\$155,621 70</b>

*Computations for determining the Assessment for 1929. (See Section 26 of Chapter 92, General Laws.)*

[The proportion to be paid by each city and town is based as follows: One-third in proportion to their respective valuation for the preceding year, and the remaining two-thirds in proportion to the consumption by the cities and towns, respectively, in the preceding year. The last column shows the total ratio to be paid by each city and town of the whole assessment. To find each city's and town's assessment, multiply the total assessment by the average ratio.]

CITIES AND TOWNS	Valuation 1928	Average Daily Consumption (Gallons), 1928	RATIO OF TOTALS		Average Ratio, Double Weight to Consumption
			Valuation	Consumption	
Arlington . . . . .	\$56,476,900	1,717,500	.018778	.012260	.014433
Belmont . . . . .	35,384,605	1,079,100	.011765	.007703	.009057
Boston . . . . .	1,950,186,600	94,570,000	.648431✓	.675079✓	.666197
Brookline . . . . .	162,297,700	4,394,100	.053964	.031367	.038899
Chelsea . . . . .	56,046,250	3,618,700	.018635	.025832	.023433
Everett . . . . .	70,275,075	5,038,800	.023366	.035969	.031768
Lexington . . . . .	18,525,910	637,900	.006160	.004554	.005089
Malden . . . . .	70,132,850	3,446,700	.023319	.024604	.024176
Medford . . . . .	75,539,950	2,902,700	.025117	.020721	.022186
Melrose . . . . .	34,606,100	1,420,000	.011507	.010137	.010594
Milton . . . . .	34,097,410	740,000	.011337	.005282	.007300
Nahant . . . . .	5,014,800	171,200	.001668	.001222	.001371
Newton <sup>1</sup> . . . . .	29,887,060	-	.009937	-	.003312
Quincy . . . . .	136,087,800	5,195,600	.045249	.037088	.039808
Revere . . . . .	40,968,750	2,272,000	.013622	.016218	.015353
Somerville . . . . .	120,219,150	8,307,800	.039973	.059304	.052860
Stoneham . . . . .	12,463,800	568,200	.004144	.004056	.004085
Swampscott . . . . .	22,848,896	706,700	.007597	.005045	.005896
Watertown . . . . .	50,830,935	2,229,600	.016901	.015916	.016244
Winthrop . . . . .	25,654,600	1,070,700	.008530	.007643	.007939
	<b>\$3,007,545,141</b>	<b>140,087,300</b>	<b>1.000000</b>	<b>1.000000</b>	<b>1.000000</b>

<sup>1</sup> In accordance with the provisions of the act above referred to, but one-fifth of the total valuation and no consumption has been taken, for at present this city has a sufficient supply, and has not made application for water.

## METROPOLITAN WATER LOAN.

## Division of Assessment for 1929.

CITIES AND TOWNS	Sinking Fund	Serial Bonds	Serial, Additional Water Loan	Interest	Interest, Additional Water Loan	Maintenance	Credit to Brookline for Water furnished	Construction, Improvement, etc.	Total
Arlington	\$2,246 09	\$1,659 80	\$1,720 65	\$23,423 99	\$4,524 47	\$11,015 52	\$1,659 87	\$6,134 03	\$53,284 42
Belmont	1,409 46	1,041 55	1,079 74	14,699 02	2,839 20	7,477 23	1,041 61	3,849 23	33,437 04
Boston	103,674 71	76,612 66	79,421 49	1,081,202 19	208,840 29	549,995 27	76,616 43	283,133 73	2,459,496 77
Brookline	6,053 53	4,473 38	4,637 39	63,131 00	12,194 11	32,114 02	4,473 61	16,532 08	143,609 12
Chelsea	3,646 68	2,694 80	2,793 59	38,030 51	7,345 81	19,345 69	2,694 93	9,959 03	86,511 04
Everett	4,943 79	3,653 32	3,787 26	51,557 77	9,958 67	26,226 85	3,653 50	13,501 40	117,282 56
Lexington	791 96	585 23	606 69	8,259 18	1,595 31	4,201 35	585 26	2,162 82	18,787 80
Malden	3,762 31	2,780 24	2,882 17	39,236 36	7,578 72	19,959 09	2,780 38	10,274 80	89,254 07
Medford	3,452 62	2,551 39	2,644 03	36,006 69	6,954 90	18,316 20	2,551 52	9,420 05	81,907 30
Melrose	1,648 66	1,218 31	1,262 98	17,193 50	3,321 02	8,746 13	1,218 37	4,502 45	39,111 42
Milton	1,136 04	839 50	1,870 98	11,847 51	2,288 41	6,026 69	839 54	3,102 50	26,930 47
Nahant	213 36	157 67	163 45	2,225 06	429 78	1,131 86	157 67	582 67	5,061 52
Newton	515 42	380 85	394 84	5,375 20	1,038 25	2,734 30	380 90	1,407 60	12,227 39
Quincy	6,194 99	4,577 92	4,745 76	64,606 26	12,479 06	32,864 47	4,578 15	16,918 40	146,965 01
Revere	2,389 26	1,765 59	1,830 33	24,917 10	4,812 88	12,675 05	1,765 68	6,525 02	56,680 91
Stonerville	8,226 16	6,078 90	6,301 77	85,788 96	16,570 62	43,639 87	6,079 20	22,465 50	195,150 98
Stonemham	635 71	469 78	487 00	6,629 74	1,280 57	3,372 47	469 80	1,736 12	15,081 19
Swampscott	917 55	678 04	702 90	9,568 89	1,848 29	4,867 59	678 07	2,505 80	21,767 13
Watertown	2,527 92	1,868 06	1,936 55	26,363 15	5,092 19	13,410 63	1,868 15	6,903 70	59,977 35
Winthrop	1,235 48	912 98	946 46	12,884 57	2,488 73	6,554 24	913 03	3,374 07	29,309 56
	\$155,621 70	\$115,000 00	\$119,216 23	\$1,622,946 65	\$313,481 28	\$825,574 52	\$115,005 67	\$425,000 00 <sup>1</sup>	\$3,691,846 05

Less Credit to Brookline for water furnished

Net assessment . . . . . \$115,005 67

Net assessment . . . . . \$3,576,840 38

<sup>1</sup> This amount includes \$25,000 under Item 712 and \$400,000 under Item 713 of Chapter 146 of the Acts of 1929.

*Comparison of Total Assessments, 1928 and 1929, with Revenue from Water Rates in 1928.*

CITIES AND TOWNS	WATER ASSESSMENTS		Water Revenue received by Cities and Towns, 1928
	1928	1929	
Arlington . . . . .	\$47,792 80	\$53,284 42	\$116,035 77 <sup>1</sup>
Belmont . . . . .	29,184 23	33,437 04	83,217 01 <sup>2</sup>
Boston . . . . .	2,384,682 69	2,459,496 77	4,314,789 54 <sup>1</sup>
Brookline . . . . .	135,927 87	143,609 12	278,797 03 <sup>1</sup>
Chelsea . . . . .	81,650 47	86,511 04	150,136 03
Everett . . . . .	111,065 54	117,282 56	190,063 47 <sup>2</sup>
Lexington . . . . .	16,062 33	18,787 80	60,853 80 <sup>3</sup>
Malden . . . . .	86,103 75	89,254 07	201,063 88 <sup>1</sup>
Medford . . . . .	78,678 09	81,907 30	143,146 65 <sup>2</sup>
Melrose . . . . .	36,443 00	39,111 42	65,813 44 <sup>2</sup>
Milton . . . . .	25,011 50	26,950 47	100,392 11 <sup>3</sup>
Nahant . . . . .	4,957 56	5,061 52	11,034 18 <sup>1</sup>
Newton . . . . .	11,275 26	12,227 39	— <sup>4</sup>
Quincy . . . . .	138,964 19	146,965 01	348,210 95 <sup>5</sup>
Revere . . . . .	57,381 20	56,680 91	110,163 37 <sup>2</sup>
Somerville . . . . .	184,445 15	195,150 98	349,000 55 <sup>2</sup>
Stoneham . . . . .	13,391 79	15,081 19	49,900 71 <sup>3</sup>
Swampscott . . . . .	20,899 13	21,767 13	66,284 07 <sup>6</sup>
Watertown . . . . .	58,009 77	59,970 35	178,252 63 <sup>2</sup>
Winthrop . . . . .	29,329 82	29,309 56	89,375 58 <sup>6</sup>
	\$3,551,256 14	\$3,691,846 05	\$6,906,530 77

<sup>1</sup> No money received for hydrant rentals, street watering or from municipal departments.

<sup>2</sup> No money received for hydrant rentals or street watering.

<sup>3</sup> No money received for street watering or from municipal departments.

<sup>4</sup> Not taking regular supply from District.

<sup>5</sup> No money received for street watering.

<sup>6</sup> No money received from municipal departments.

*Net Water Debt of the Cities of the Original Metropolitan Water District.*

CITIES	Jan. 1, 1928	Jan. 1, 1929	Decrease
Boston . . . . .	\$1,226,905 80	\$998,000 00	\$228,905 80
Chelsea . . . . .	—	—	—
Everett . . . . .	103,000 00	118,000 00	15,000 00 <sup>1</sup>
Malden . . . . .	25,764 42	16,942 91	8,821 51
Medford . . . . .	273,000 00	321,000 00	48,000 00 <sup>1</sup>
Melrose . . . . .	119,000 00	118,000 00	1,000 00
Somerville . . . . .	—	—	—
	\$1,747,670 22	\$1,571,942 91	\$175,727 31

<sup>1</sup> Increase.

STATEMENT II.  
METROPOLITAN PARKS DISTRICT.

Gross parks debt, April 1, 1929:		
Bonds outstanding (sinking fund)	\$9,360,000 00	
Bonds outstanding (serial)	61,750 00	
	<hr/>	\$9,421,750 00
a decrease for the year of \$7,750.00.		
Sinking fund, April 1, 1929		6,180,563 81
		<hr/>
an increase for the year of \$287,646.56.		
Net parks debt, April 1, 1929		<u>\$3,241,186 19</u>
a decrease for the year of \$295,396.56.		

BOULEVARDS.

Gross parks, series two (boulevards) debt, April 1, 1929:		
Bonds outstanding (sinking fund) (one-half)	\$2,567,500 00	
Bonds outstanding (serial) (one-half)	1,117,000 00	
Bonds outstanding (serial), 78.75 per cent (chapter 300, General Acts of 1915 and chapter 220, General Acts of 1917).	126,000 00	
Bonds outstanding (serial), 75 per cent (chapter 238, General Acts of 1919 and chapter 380, Acts of 1922)	234,000 00	
	<hr/>	\$4,044,500 00
a decrease for the year of \$100,937.50.		
Sinking Fund, April 1, 1929 (one-half)		1,604,066 67
		<hr/>
an increase for the year of \$75,430.75.		
Net parks, series two (boulevards) debt, April 1, 1929		<u>\$2,440,433 33</u>
a decrease for the year of \$176,368.25.		

METROPOLITAN PARKS LOAN.

Total parks assessment for 1929 is made up as follows:		
Parks sinking fund		\$58,710 48
Parks, series two, sinking fund		15,455 00
Nantasket sinking fund		4,241 43
Parks serial bonds		7,250 00
Parks, series two, serial bonds		75,062 50
Parks interest:		
One year on \$8,660,000 00	\$296,850 00	
Six months on 69,500 00	1,325 00	
Six months on 61,750 00	1,174 38	
Interest on advances and temporary loans, estimated, 1929	25,000 00	
Adjustment of interest charges in 1928	3,173 40	
	<hr/>	327,522 78
Parks, series two, interest:		
One year on \$2,567,500 00	\$87,737 50	
Six months on 1,304,062 50	26,187 50	
Six months on 1,229,000 00	24,680 00	
Interest on advances and temporary loans, estimated, 1929	5,000 00	
Adjustment of interest charges in 1928	9,408 18	
	<hr/>	153,013 18

## Nantasket interest:

One year on	\$700,000 00		\$21,000 00
Parks maintenance as appropriated by Legislature	\$877,050 00		
Less balance on hand . . . . .	8,071 00		
			<hr/>
			868,979 00
Parks, series two, maintenance	\$598,687 50		
Less balance on hand . . . . .	6,329 25		
			<hr/>
		\$592,358 25	
Less betterment assessments to be distributed (chapter 313, Acts of 1925) . . . . .		1,784 47	
			<hr/>
			590,573 78
Nantasket maintenance . . . . .	\$85,000 00		
Less balance on hand . . . . .	2,862 13		
			<hr/>
			82,137 87
Wellington Bridge maintenance (one-quarter) .	\$4,366 66		
Less balance on hand . . . . .	251 39		
			<hr/>
			4,115 27
Metropolitan Planning Division . . . . .			27,173 38
			<hr/>
Total Parks assessment for 1929 . . . . .			\$2,235,234 67 <sup>1</sup>

<sup>1</sup> Exclusive of \$23,813.28 special assessment on account of cost of construction of Southern Traffic Route; \$250,000.00 special assessment on account of cost of construction of Northern Traffic Route; and \$1,640,-802.80 special assessment on account of cost of construction of Brookline Street-Essex Street-Cottage Farm Bridge.



**METROPOLITAN PARKS, INCLUDING BOULEVARDS, WELLINGTON BRIDGE AND  
NANTASKET AND METROPOLITAN PLANNING DIVISION.**

*Total Assessments and Grand Total.*

CITIES AND TOWNS	Total Sinking Fund	Total Serial Bonds	Total Interest	Total Maintenance	Metro- politan Planning Division	Grand Total
Arlington . . .	\$1,131 16	\$1,187 69	\$7,235 86	\$22,088 41	\$385 43	\$32,028 55
Belmont . . .	715 75	751 51	4,578 51	13,848 81	239 89	20,134 47
Boston . . .	40,704 87	42,738 62	260,380 38	766,204 01	12,973 90	1,123,001 78
Braintree . . .	485 90	510 17	3,108 15	10,089 60	184 37	14,378 19
Brookline . . .	3,317 23	3,482 98	21,219 62	57,378 40	898 98	86,297 21
Cambridge . . .	3,952 40	4,149 87	25,282 62	85,073 18	1,593 58	120,051 65
Canton . . .	206 02	216 32	1,317 87	4,351 09	80 46	6,171 76
Chelsea . . .	1,274 01	1,337 66	8,149 56	29,528 29	579 53	40,869 05
Cohasset . . .	11 33	-	56 09	219 39	-	286 81
Dedham . . .	508 78	534 21	3,254 60	10,590 51	193 85	15,081 95
Dover . . .	78 78	82 73	503 98	1,369 94	21 58	2,057 01
Everett . . .	1,447 03	1,519 32	9,256 33	30,723 50	570 21	43,516 39
Hingham . . .	292 58	307 19	1,871 52	5,642 13	97 47	8,210 89
Hull . . .	352 23	369 83	2,253 15	5,636 51	81 19	8,692 91
Lynn . . .	2,806 80	2,947 03	17,954 48	64,809 35	1,269 11	89,786 77
Malden . . .	1,417 07	1,487 88	9,064 73	32,658 26	638 79	45,266 73
Medford . . .	1,482 30	1,556 30	9,481 97	32,572 95	618 52	45,712 10
Melrose . . .	714 73	750 44	4,572 00	15,026 16	276 98	21,340 31
Milton . . .	764 59	802 79	4,890 94	13,959 22	230 16	20,647 70
Nahant . . .	101 52	106 60	649 42	1,834 72	29 97	2,722 23
Needham . . .	418 56	439 47	2,677 41	8,111 99	140 70	11,788 13
Newton . . .	3,077 58	3,231 34	19,686 59	56,487 46	935 80	83,418 77
Quincy . . .	2,685 52	2,819 70	17,178 68	52,643 17	921 39	76,248 46
Revere . . .	822 45	863 54	5,261 02	19,732 38	395 07	27,074 46
Saugus . . .	273 76	287 44	1,751 17	6,974 41	144 21	9,430 99
Somerville . . .	2,449 71	2,572 10	15,670 26	58,765 12	1,176 47	80,633 66
Stoneham . . .	260 67	273 69	1,667 44	5,900 37	114 16	8,216 33
Swampscott . . .	523 21	549 36	3,346 88	9,589 64	158 67	14,167 76
Wakefield . . .	473 51	497 17	3,028 94	10,501 53	200 59	14,701 74
Waltham . . .	1,171 85	1,230 40	7,496 12	25,045 60	466 92	35,410 89
Watertown . . .	1,114 23	1,169 90	7,127 54	21,978 72	386 57	31,776 96
Wellesley . . .	662 05	695 13	4,234 99	11,580 40	183 45	17,356 02
Weston . . .	175 30	184 05	1,121 31	3,190 02	52 44	4,723 12
Westwood . . .	88 04	92 44	563 16	1,661 82	28 21	2,433 67
Weymouth . . .	890 02	934 49	5,693 29	16,803 13	285 24	24,606 17
Winchester . . .	613 68	644 34	3,925 59	11,505 32	194 15	16,883 08
Winthrop . . .	506 99	532 32	3,243 09	11,108 49	210 54	15,601 43
Woburn . . .	434 70	456 42	2,780 70	10,621 92	214 83	14,508 57
	<b>\$78,406 91</b>	<b>\$82,312 50</b>	<b>\$501,535 96</b>	<b>\$1,545,805 92</b>	<b>\$27,173 38<sup>1</sup></b>	<b>\$2,235,234 67</b>

Special assessment on account of construction of Southern Traffic Route . . . . .	\$47,626 56
Special assessment on account of construction of Northern Traffic Route . . . . .	1,250,000 00
Special assessment on account of construction of Brookline Street-Essex Street-Cottage Farm Bridge . . . . .	1,640,802 80
Special assessment for Alewife Brook . . . . .	7,357 18
Special assessment for Neponset Bridge . . . . .	25,982 78
Special assessment for Wellington Bridge . . . . .	8,230 55
<b>Grand total . . . . .</b>	<b>\$5,215,234 54</b>

<sup>1</sup> Chapter 399, Acts of 1923.

METROPOLITAN PARKS (EXCEPTING NANTASKET) AND BOULEVARDS AND CHARLES  
RIVER BASIN.

*Proportion of Sinking Fund, Serial Bonds, Interest and Maintenance (excepting  
Parks Maintenance) Requirements as determined by Metropolitan District  
Commission.*

CITIES AND TOWNS	Valuation (Chapter 32, Acts of 1929)	Per Cent.
Arlington . . . . .	\$59,012,938	.014429
Belmont . . . . .	37,341,787	.009130
Boston . . . . .	2,123,538,723	.519224
Braintree . . . . .	25,347,017	.006198
Brookline . . . . .	173,055,685	.042314
Cambridge . . . . .	206,194,438	.050416
Canton . . . . .	10,746,130	.002628
Chelsea . . . . .	66,464,677	.016251
Dedham . . . . .	26,543,480	.006490
Dover . . . . .	4,108,978	.001005
Everett . . . . .	75,489,874	.018458
Hingham . . . . .	15,263,143	.003732
Hull . . . . .	18,377,692	.004493
Lynn . . . . .	146,426,464	.035803
Malden . . . . .	73,926,887	.018076
Medford . . . . .	77,329,390	.018908
Melrose . . . . .	37,287,609	.009117
Milton . . . . .	39,890,118	.009753
Nahant . . . . .	5,297,348	.001295
Needham . . . . .	21,836,033	.005339
Newton . . . . .	160,555,304	.039257
Quincy . . . . .	140,099,818	.034256
Revere . . . . .	42,907,105	.010491
Saugus . . . . .	14,282,384	.003492
Somerville . . . . .	127,799,943	.031248
Stoneham . . . . .	13,600,617	.003325
Swampscott . . . . .	27,296,133	.006674
Wakefield . . . . .	24,703,006	.006040
Waltham . . . . .	61,134,536	.014948
Watertown . . . . .	58,127,777	.014213
Wellesley . . . . .	34,538,663	.008445
Weston . . . . .	9,143,341	.002236
Westwood . . . . .	4,591,438	.001123
Weymouth . . . . .	46,430,115	.011353
Winchester . . . . .	32,013,468	.007828
Winthrop . . . . .	26,449,010	.006467
Woburn . . . . .	22,679,665	.005545
	<b>\$4,089,830,734</b>	<b>1.000000</b>

## METROPOLITAN PARKS (EXCEPTING NANTASKET).

*Proportion of Maintenance Requirements as determined by Metropolitan District Commission.*

CITIES AND TOWNS	Valuation (Chapter 32, Acts of 1929)	Per Cent.	Popu- lation (State Census, 1925)	Per Cent.	Average Per Cent.
Arlington . . . . .	\$59,012,938	.014429	24,943	.013939	.014184
Belmont . . . . .	37,341,787	.009130	15,256	.008525	.008828
Boston . . . . .	2,123,538,723	.519224	779,620	.435675	.477449
Braintree . . . . .	25,347,017	.006198	13,193	.007373	.006785
Brookline . . . . .	173,055,685	.042314	42,681	.023851	.033083
Cambridge . . . . .	206,194,438	.050416	119,669	.066875	.058645
Canton . . . . .	10,746,130	.002628	5,896	.003295	.002961
Chelsea . . . . .	66,464,677	.016251	47,247	.026403	.021327
Dedham . . . . .	26,543,480	.006490	13,918	.007778	.007134
Dover . . . . .	4,108,978	.001005	1,044	.000583	.000794
Everett . . . . .	75,489,874	.018458	42,072	.023511	.020984
Hingham . . . . .	15,263,143	.003732	6,158	.003441	.003587
Hull . . . . .	18,377,692	.004493	2,652	.001482	.002988
Lynn . . . . .	146,426,464	.035803	103,081	.057605	.046704
Malden . . . . .	73,926,887	.018076	51,789	.028941	.023508
Medford . . . . .	77,329,390	.018908	47,627	.026615	.022762
Melrose . . . . .	37,287,609	.009117	20,165	.011269	.010193
Milton . . . . .	39,890,118	.009753	12,861	.007187	.008470
Nahant . . . . .	5,297,348	.001295	1,630	.000911	.001103
Needham . . . . .	21,836,033	.005339	8,977	.005017	.005178
Newton . . . . .	160,555,304	.039257	53,003	.029620	.034438
Quincy . . . . .	140,099,818	.034256	60,055	.033561	.033908
Revere . . . . .	42,907,105	.010491	33,261	.018587	.014539
Saugus . . . . .	14,282,384	.003492	12,743	.007121	.005307
Somerville . . . . .	127,799,943	.031248	99,032	.055342	.043295
Stoneham . . . . .	13,600,617	.003325	9,084	.005076	.004201
Swampscott . . . . .	27,296,133	.006674	8,953	.005003	.005839
Wakefield . . . . .	24,703,006	.006040	15,611	.008724	.007382
Waltham . . . . .	61,134,536	.014948	34,746	.019417	.017183
Watertown . . . . .	58,127,777	.014213	25,480	.014239	.014226
Wellesley . . . . .	34,538,663	.008445	9,049	.005057	.006751
Weston . . . . .	9,143,341	.002236	2,906	.001624	.001930
Westwood . . . . .	4,591,438	.001123	1,706	.000953	.001038
Weymouth . . . . .	46,430,115	.011353	17,253	.009641	.010497
Winchester . . . . .	32,013,468	.007828	11,565	.006463	.007145
Winthrop . . . . .	26,449,010	.006467	16,158	.009030	.007748
Woburn . . . . .	22,679,665	.005545	18,370	.010266	.007906
	\$4,089,830,734	1.000000	1,789,454	1.000000	1.000000

## METROPOLITAN PARKS — NANTASKET.

*Proportion of Sinking Fund, Interest and Maintenance Requirements as determined by Metropolitan District Commission.*

CITIES AND TOWNS	Valuation (Chapter 32, Acts of 1929)	Per Cent.
Arlington . . . . .	\$59,012,938	.014391
Belmont . . . . .	37,341,787	.009106
Boston . . . . .	2,123,538,723	.517837
Braintree . . . . .	25,347,017	.006181
Brookline . . . . .	173,055,685	.042201
Cambridge . . . . .	206,194,438	.050282
Canton . . . . .	10,746,130	.002620
Cheisea . . . . .	66,464,677	.016208
Cohasset . . . . .	10,951,188	.002671
Dedham . . . . .	26,543,480	.006473
Dover . . . . .	4,108,978	.001002
Everett . . . . .	75,489,874	.018409
Hingham . . . . .	15,263,143	.003722
Hull . . . . .	18,377,692	.004481
Lynn . . . . .	146,426,464	.035707
Malden . . . . .	73,926,887	.018027
Medford . . . . .	77,329,390	.018857
Melrose . . . . .	37,287,609	.009093
Milton . . . . .	39,890,118	.009727
Nahant . . . . .	5,297,348	.001292
Needham . . . . .	21,836,033	.005325
Newton . . . . .	160,555,304	.039152
Quincy . . . . .	140,099,818	.034164
Revere . . . . .	42,907,105	.010463
Saugus . . . . .	14,282,384	.003483
Somerville . . . . .	127,799,943	.031165
Stoneham . . . . .	13,600,617	.003317
Swampscott . . . . .	27,296,133	.006656
Wakefield . . . . .	24,703,006	.006024
Waltham . . . . .	61,134,536	.014908
Watertown . . . . .	58,127,777	.014175
Wellesley . . . . .	34,538,663	.008422
Weston . . . . .	9,143,341	.002230
Westwood . . . . .	4,591,438	.001120
Weymouth . . . . .	46,430,115	.011322
Winchester . . . . .	32,013,468	.007807
Winthrop . . . . .	26,449,010	.006450
Woburn . . . . .	22,679,665	.005530
	<b>\$4,100,781,922</b>	<b>1.000000</b>

## METROPOLITAN PARKS LOAN.

*Sinking Fund.*

BONDS ISSUED	Due Dates	Sinking Fund Dec. 1, 1928	Amount of Dec. 1, 1928, Sinking Fund at Ma- turity of Loan. Accumulations reckoned at 3½ Per Cent.	Balance to be provided for	Sinking Fund Requirements for 1929
\$1,300,000	Jan., 1934	\$1,036,391 47	\$1,247,958 22	\$52,041 78	\$9,649 67
2,000,000	Jan., 1936	1,458,750 19	1,892,028 29	107,971 71	13,759 67
1,400,000	Jan., 1937	977,206 27	1,315,431 35	84,568 65	9,248 55
1,000,000	July, 1938	658,375 37	937,040 55	62,959 45	6,001 79
505,000	July, 1939	317,698 62	469,283 60	35,716 40	3,004 62
650,000	Jan., 1941	405,488 83	633,288 81	16,711 19	1,125 94
125,000	Jan., 1943	63,331 80	106,540 62	18,459 38	1,024 12
340,000	July, 1943	172,970 35	296,437 19	43,562 81	2,416 85
300,000	Jan., 1944	141,670 94	247,348 58	52,651 42	2,671 72
370,000	Jan., 1945	162,208 98	293,926 53	76,073 47	3,546 08
300,000	Jan., 1946	126,718 31	238,307 94	61,692 06	2,651 73
300,000	Jan., 1947	116,026 23	226,459 51	73,540 49	2,924 60
70,000	Jan., 1949	23,805 14	50,046 72	19,953 28	685 14
\$8,660,000	- -	\$5,660,642 50	\$7,954,097 91	\$705,902 09	\$58,710 48

*Nantasket.*

\$600,000	July, 1939	\$378,384 34	\$558,924 58	\$41,075 42	\$3,455 44
100,000	Jan., 1941	56,559 62	88,334 31	11,665 69	785 99
\$700,000	- -	\$434,943 96	\$647,258 89	\$52,741 11	\$4,241 43

## METROPOLITAN PARKS LOAN, SERIES TWO.

*Sinking Fund.*

BONDS ISSUED	Due Dates	Sinking Fund Dec. 1, 1928	Amount of Dec. 1, 1928, Sinking Fund at Ma- turity of Loan. Accumulations reckoned at 3½ Per Cent.	Balance to be provided for	Sinking Fund Requirements for 1929
\$250,000	Jan., 1934	\$202,949 31	\$244,378 95	\$5,621 05	\$1,042 00
300,000	Jan., 1936	223,760 55	290,221 93	9,778 07	1,246 00
500,000	Jan., 1937	357,540 46	481,290 33	18,709 67	2,046 00
50,000	July, 1938	33,776 91	48,073 39	1,926 61	184 00
250,000	July, 1939	162,014 22	239,316 31	10,683 69	899 00
225,000	Jan., 1940	133,285 48	200,572 10	24,427 90	1,832 00
162,500	July, 1940	99,115 17	151,948 15	10,551 85	791 00
55,000	Jan., 1943	28,489 63	47,927 00	7,073 00	392 00
150,000	July, 1943	74,484 17	127,651 23	22,348 77	1,240 00
150,000	Jan., 1944	72,163 55	125,993 03	24,006 97	1,218 00
150,000	Jan., 1945	66,688 57	120,841 27	29,158 73	1,359 00
150,000	Jan., 1946	60,777 37	114,298 63	35,701 37	1,535 00
150,000	Jan., 1947	58,642 84	114,458 85	35,541 15	1,413 00
25,000	Jan., 1949	8,323 93	17,499 81	7,500 19	258 00
\$2,567,500	- -	\$1,582,012 16	\$2,324,470 98	\$243,029 02	\$15,455 00



## METROPOLITAN PARKS LOAN, INCLUDING BOULEVARDS AND NANTASKET.

*Sinking Fund Requirements.*

CITIES AND TOWNS	Parks	Boulevards	Nantasket	Total
Arlington . . . . .	\$847 13	\$222 99	\$61 04	\$1,131 16
Belmont . . . . .	536 03	141 10	38 62	715 75
Boston . . . . .	30,483 89	8,024 61	2,196 37	40,704 87
Braintree . . . . .	363 89	95 79	26 22	485 90
Brookline . . . . .	2,484 28	653 96	178 99	3,317 23
Cambridge . . . . .	2,959 95	779 18	213 27	3,952 40
Canton . . . . .	154 29	40 62	11 11	206 02
Chelsea . . . . .	954 10	251 16	68 75	1,274 01
Cohasset . . . . .	-	-	11 33	11 33
Dedham . . . . .	381 03	100 30	27 45	508 78
Dover . . . . .	59 00	15 53	4 25	78 78
Everett . . . . .	1,083 68	285 27	78 08	1,447 03
Hingham . . . . .	219 11	57 68	15 79	292 58
Hull . . . . .	263 78	69 44	19 01	352 23
Lynn . . . . .	2,102 01	553 34	151 45	2,806 80
Malden . . . . .	1,061 25	279 36	76 46	1,417 07
Medford . . . . .	1,110 10	292 22	79 98	1,482 30
Melrose . . . . .	535 26	140 90	38 57	714 73
Milton . . . . .	572 60	150 73	41 26	764 59
Nahant . . . . .	76 03	20 01	5 48	101 52
Needham . . . . .	313 46	82 51	22 59	418 56
Newton . . . . .	2,304 80	606 72	166 06	3,077 58
Quincy . . . . .	2,011 19	529 43	144 90	2,685 52
Revere . . . . .	615 93	162 14	44 38	822 45
Saugus . . . . .	205 02	53 97	14 77	273 76
Somerville . . . . .	1,834 59	482 94	132 18	2,449 71
Stoneham . . . . .	195 21	51 39	14 07	260 67
Swampscott . . . . .	391 83	103 15	28 23	523 21
Wakefield . . . . .	354 61	93 35	25 55	473 51
Waltham . . . . .	877 60	231 02	63 23	1,171 85
Watertown . . . . .	834 45	219 66	60 12	1,114 23
Wellesley . . . . .	495 81	130 52	35 72	662 05
Weston . . . . .	131 28	34 56	9 46	175 30
Westwood . . . . .	65 93	17 36	4 75	88 04
Weymouth . . . . .	666 54	175 46	48 02	890 02
Winchester . . . . .	459 59	120 98	33 11	613 68
Winthrop . . . . .	379 68	99 95	27 36	506 99
Woburn . . . . .	325 55	85 70	23 45	434 70
	\$59,710 48	\$15,455 00	\$4,241 43	\$78,406 91

## METROPOLITAN PARKS LOAN, INCLUDING BOULEVARDS.

*Serial Bond Requirements.*

CITIES AND TOWNS	Parks	Boulevards	Total
Arlington . . . . .	\$104 61	\$1,083 08	\$1,187 69
Belmont . . . . .	66 19	685 32	751 51
Boston . . . . .	3,764 37	38,974 25	42,738 62
Braintree . . . . .	44 93	465 24	510 17
Brookline . . . . .	306 78	3,176 20	3,482 98
Cambridge . . . . .	365 52	3,784 35	4,149 87
Canton . . . . .	19 05	197 27	216 32
Chelsea . . . . .	117 82	1,219 84	1,337 66
Dedham . . . . .	47 05	487 16	534 21
Dover . . . . .	7 29	75 44	82 73
Everett . . . . .	133 82	1,385 50	1,519 32
Hingham . . . . .	27 06	280 13	307 19
Hull . . . . .	32 57	337 26	369 83
Lynn . . . . .	259 57	2,687 46	2,947 03
Malden . . . . .	131 05	1,356 83	1,487 88
Medford . . . . .	137 08	1,419 28	1,556 36
Melrose . . . . .	66 10	684 34	750 44
Milton . . . . .	70 71	732 08	802 79
Nahant . . . . .	9 39	97 21	106 60
Needham . . . . .	38 71	400 76	439 47
Newton . . . . .	284 61	2,946 73	3,231 34
Quincy . . . . .	248 36	2,571 34	2,819 70
Revere . . . . .	76 06	787 48	863 54
Saugus . . . . .	25 32	262 12	287 44
Somerville . . . . .	226 55	2,345 55	2,572 10
Stonham . . . . .	24 11	249 58	273 69
Swampscott . . . . .	48 39	500 97	549 36
Wakefield . . . . .	43 79	453 38	497 17
Waltham . . . . .	108 37	1,122 03	1,230 40
Watertown . . . . .	103 04	1,066 86	1,169 90
Wellesley . . . . .	61 23	633 90	695 13
Weston . . . . .	16 21	167 84	184 05
Westwood . . . . .	8 14	84 30	92 44
Weymouth . . . . .	82 31	852 18	934 49
Winchester . . . . .	56 75	587 59	644 34
Winthrop . . . . .	46 89	485 43	532 32
Woburn . . . . .	40 20	416 22	456 42
	\$7,250 00	\$75,062 50	\$82,312 50

## METROPOLITAN PARKS LOAN, INCLUDING BOULEVARDS AND NANTASKET.

*Interest Requirements.*

CITIES AND TOWNS	Parks	Boulevards	Nantasket	Total
Arlington . . . . .	\$4,725 82	\$2,207 83	\$302 21	\$7,235 86
Belmont . . . . .	2,990 28	1,397 01	191 22	4,578 51
Boston . . . . .	170,057 69	79,448 11	10,874 58	260,380 38
Braintree . . . . .	2,029 98	948 37	129 80	3,108 15
Brookline . . . . .	13,858 80	6,474 60	886 22	21,219 62
Cambridge . . . . .	16,512 39	7,714 31	1,055 92	25,282 62
Canton . . . . .	860 73	402 12	55 02	1,317 87
Chelsea . . . . .	5,322 57	2,486 62	340 37	8,149 56
Cohasset . . . . .	—	—	56 09	56 09
Dedham . . . . .	2,125 62	993 05	135 93	3,254 60
Dover . . . . .	329 16	153 78	21 04	503 98
Everett . . . . .	6,045 42	2,824 32	386 59	9,256 33
Hingham . . . . .	1,222 32	571 04	78 16	1,871 52
Hull . . . . .	1,471 56	687 49	94 10	2,253 15
Lynn . . . . .	11,726 30	5,478 33	749 85	17,954 48
Malden . . . . .	5,920 30	2,765 86	378 57	9,064 73
Medford . . . . .	6,192 80	2,893 17	396 00	9,481 97
Melrose . . . . .	2,986 03	1,395 02	190 95	4,572 00
Milton . . . . .	3,194 33	1,492 34	204 27	4,890 94
Nahant . . . . .	424 14	198 15	27 13	649 42
Needham . . . . .	1,748 64	816 94	111 83	2,677 41
Newton . . . . .	12,857 56	6,006 84	822 19	19,686 59
Quincy . . . . .	11,219 62	5,241 62	717 44	17,178 68
Revere . . . . .	3,436 04	1,605 26	219 72	5,261 02
Saugus . . . . .	1,143 71	534 32	73 14	1,751 17
Somerville . . . . .	10,234 43	4,781 36	654 47	15,670 26
Stoneham . . . . .	1,089 01	508 77	69 66	1,667 44
Swampscott . . . . .	2,185 89	1,021 21	139 78	3,346 88
Wakefield . . . . .	1,978 24	924 20	126 50	3,028 94
Waltham . . . . .	4,895 81	2,287 24	313 07	7,496 12
Watertown . . . . .	4,655 08	2,174 78	297 68	7,127 54
Wellesley . . . . .	2,765 93	1,292 20	176 86	4,234 99
Weston . . . . .	732 34	342 14	46 83	1,121 31
Westwood . . . . .	367 81	171 83	23 52	563 16
Weymouth . . . . .	3,718 37	1,737 16	237 76	5,693 29
Winchester . . . . .	2,563 85	1,197 79	163 95	3,925 59
Winthrop . . . . .	2,118 10	989 54	135 45	3,243 09
Woburn . . . . .	1,816 11	848 46	116 13	2,780 70
	<u>\$327,522 78</u>	<u>\$153,013 18</u>	<u>\$21,000 00</u>	<u>\$501,535 96</u>

# METROPOLITAN PARKS LOAN, INCLUDING BOULEVARDS, WELLINGTON BRIDGE AND NANTASKET.

## Maintenance Requirements.

CITIES AND TOWNS	Parks	Nantasket	Boulevards	Wellington Bridge	Total
Arlington . . . . .	\$12,325 60	\$1,182 04	\$8,521 39	\$59 38	\$22,088 41
Belmont . . . . .	7,671 35	747 95	5,391 94	37 57	13,848 81
Boston . . . . .	414,893 15	42,534 03	306,640 08	2,136 75	766,204 01
Braintree . . . . .	5,896 02	507 69	3,660 38	25 51	10,089 60
Brookline . . . . .	28,748 43	3,466 30	24,989 54	174 13	57,378 40
Cambridge . . . . .	50,961 27	4,130 06	29,774 37	207 48	85,073 18
Canton . . . . .	2,573 05	215 20	1,552 03	10 81	4,351 09
Chelsea . . . . .	18,532 71	1,331 29	9,597 41	66 88	29,528 29
Cohasset . . . . .	—	219 39	—	—	219 39
Dedham . . . . .	6,199 30	531 68	3,832 82	26 71	10,590 51
Dover . . . . .	689 97	82 30	593 53	4 14	1,369 94
Everett . . . . .	18,234 65	1,512 08	10,900 81	75 96	30,723 50
Hingham . . . . .	3,117 03	305 72	2,204 02	15 36	5,642 13
Hull . . . . .	2,596 51	368 06	2,653 45	18 49	5,636 51
Lynn . . . . .	40,584 80	2,932 90	21,144 31	147 34	64,809 35
Malden . . . . .	20,427 96	1,480 70	10,675 21	74 39	32,658 26
Medford . . . . .	19,779 70	1,548 87	11,166 57	77 81	32,572 95
Melrose . . . . .	8,857 50	746 88	5,384 26	37 52	15,026 16
Milton . . . . .	7,360 25	798 96	5,759 87	40 14	13,959 22
Nahant . . . . .	958 48	106 12	764 79	5 33	1,834 72
Needham . . . . .	4,499 57	437 38	3,153 07	21 97	8,111 99
Newton . . . . .	29,925 90	3,215 86	23,184 15	161 55	56,487 46
Quincy . . . . .	29,465 34	2,806 16	20,230 70	140 97	52,643 17
Revere . . . . .	12,634 09	859 41	6,195 71	43 17	19,732 38
Saugus . . . . .	4,611 67	286 09	2,062 28	14 37	6,974 41
Somerville . . . . .	37,622 45	2,559 83	18,454 25	128 59	58,765 12
Stoneham . . . . .	3,650 58	272 45	1,963 66	13 68	5,900 37
Swampscott . . . . .	5,073 97	546 71	3,941 49	27 47	9,589 64
Wakefield . . . . .	6,414 80	494 80	3,567 07	24 86	10,501 53
Waltham . . . . .	14,931 67	1,224 51	8,827 90	61 52	25,045 60
Watertown . . . . .	12,362 10	1,164 30	8,393 83	58 49	21,978 72
Wellesley . . . . .	5,866 48	691 77	4,987 40	34 75	11,589 40
Weston . . . . .	1,677 13	183 17	1,320 52	9 20	3,190 02
Westwood . . . . .	902 00	91 99	663 21	4 62	1,661 82
Weymouth . . . . .	9,121 67	929 96	6,704 78	46 72	16,803 13
Winchester . . . . .	6,208 85	641 25	4,623 01	32 21	11,505 32
Winthrop . . . . .	6,732 85	529 79	3,819 24	26 61	11,108 49
Woburn . . . . .	6,870 15	454 22	3,274 73	22 82	10,621 92
	\$868,979 00	\$82,137 87	\$590,573 78	\$4,115 27	\$1,545,805 92

## NEPONSET BRIDGE.

### Special Assessment.

(Chapter 300, General Acts of 1915.)

Bonds issued, 57½ per cent. . . . .			\$201,250 00	
Previously assessed . . . . .			149,500 00	
Outstanding . . . . .			\$51,750 00	
Serial bonds due Jan. 1, 1930 . . . . .				\$11,500 00
Interest:				
One year on . . . . .	\$51,750 00	\$2,070 00		
Six months on . . . . .	11,500 00	230 00		2,300 00
				\$13,800 00

### Assessment.

	Per Cent.	Serial Bonds	Interest	Total
City of Boston . . . . .	20	\$4,000 00	\$800 00	\$4,800 00
City of Quincy . . . . .	15	3,000 00	600 00	3,600 00
County of Norfolk . . . . .	5	1,000 00	200 00	1,200 00
County of Plymouth . . . . .	2½	500 00	100 00	600 00
Bay State Street Railway Co. . . . .	15	3,000 00	600 00	3,600 00
	57½	\$11,500 00	\$2,300 00	\$13,800 00

## NEPONSET BRIDGE.

*Special Assessment.*

(Chapter 300, General Acts of 1915 and Chapter 220, General Acts of 1917.)

Bond issued, 57½ per cent.				\$57,500 00	
Previously assessed				17,250 00	
Outstanding				\$40,250 00	
Serial Bonds due Jan. 1, 1930					\$2,875 00
Interest:					
One year on	\$40,250 00	\$1,610 00			
Six months on	2,875 00	57 50			
					1,667 50
					\$4,542 50

*Assessment.*

	Per Cent.	Serial Bonds	Interest	Total
City of Boston	20	\$1,000 00	\$580 00	\$1,580 00
City of Quincy	15	750 00	435 00	1,185 00
County of Norfolk	5	250 00	145 00	395 00
County of Plymouth	2½	125 00	72 50	197 50
Bay State Street Railway Co.	15	750 00	435 00	1,185 00
	57½	\$2,875 00	\$1,667 50	\$4,542 50

## NEPONSET BRIDGE.

*Special Assessment.*

(Chapter 238, General Acts of 1919, and Chapter 380, Acts of 1922.)

Bonds issued, 50 per cent				\$225,000 00	
Previously assessed				69,000 00	
Outstanding				\$156,000 00	
Serial Bonds due Jan. 1, 1930					\$11,500 00
Interest:					
One year on	\$156,000 00	\$6,240 00			
Six months on	11,500 00	230 00			
			\$6,470 00		
Plus interest on average deficit in fund, 50 per cent.			23 02		
					6,493 02
					\$17,993 02

*Assessment.*

	Per Cent.	Serial Bonds	Interest	Total
City of Boston	23 9/17	\$5,411 77	\$3,055 54	\$8,467 31
City of Quincy	17 11/17	4,058 82	2,291 65	6,350 47
County of Norfolk	5 15/17	1,352 94	763 89	2,116 83
County of Plymouth	2 16/17	676 47	381 94	1,058 41
	50	\$11,500 00	\$6,493 02	\$17,993 02

## WELLINGTON BRIDGE.

*Special Assessment Maintenance.*

(Chapter 295, General Acts of 1916.)

	Per Cent	Assessment
Malden	15.2941	\$2,517 58
Medford	18.8235	3,098 56
Somerville	12.9412	2,130 26
Stoneham	2.9412	484 15
	50.0000	\$8,230 55



SPECIAL ASSESSMENT ON ACCOUNT OF CONSTRUCTION OF BROOKLINE STREET-ESSEX  
STREET-COTTAGE FARM BRIDGE.

(Chapter 497, Acts of 1921.)

CITIES AND TOWNS	Per Cent.	Assessment
Arlington . . . . .	1.15	\$18,869 23
Belmont . . . . .	.73	11,977 86
Boston . . . . .	35.00	574,280 98
Brookline . . . . .	18.00	295,344 51
Cambridge . . . . .	22.00	360,976 62
Chelsea . . . . .	1.40	22,971 24
Dedham . . . . .	.52	8,532 17
Everett . . . . .	1.48	24,283 88
Lexington . . . . .	.37	6,070 97
Malden . . . . .	1.45	23,791 64
Medford . . . . .	1.51	24,776 12
Melrose . . . . .	.73	11,977 86
Milton . . . . .	.78	12,798 26
Needham . . . . .	.43	7,055 45
Newton . . . . .	3.14	51,521 21
Quincy . . . . .	2.74	44,958 00
Revere . . . . .	.74	12,141 94
Saugus . . . . .	.27	4,430 17
Somerville . . . . .	2.50	41,020 07
Stoneham . . . . .	.27	4,430 17
Waltham . . . . .	1.20	19,689 63
Watertown . . . . .	1.14	18,705 15
Wellesley . . . . .	.68	11,157 46
Weston . . . . .	.18	2,953 45
Winchester . . . . .	.63	10,337 06
Winthrop . . . . .	.52	8,532 17
Woburn . . . . .	.44	7,219 53
	100.00	\$1,640,802 80

SPECIAL ASSESSMENTS.

CITIES AND TOWNS	Southern Traffic Route	Northern Traffic Route
Arlington . . . . .	\$343 60	\$3,607 25
Belmont . . . . .	217 41	2,282 50
Boston . . . . .	12,364 43	129,806 00
Braintree . . . . .	147 59	1,549 50
Brookline . . . . .	1,007 63	10,578 50
Cambridge . . . . .	1,200 57	12,604 00
Canton . . . . .	62 58	657 00
Chelsea . . . . .	386 99	4,062 75
Dedham . . . . .	154 55	1,622 50
Dover . . . . .	23 93	251 25
Everett . . . . .	439 55	4,614 50
Hingham . . . . .	88 87	933 00
Hull . . . . .	106 99	1,123 25
Lynn . . . . .	852 59	8,950 75
Malden . . . . .	430 45	4,519 00
Medford . . . . .	450 26	4,727 00
Melrose . . . . .	217 11	2,279 25
Milton . . . . .	232 25	2,438 25
Nahant . . . . .	30 84	323 75
Needham . . . . .	127 14	1,334 75
Newton . . . . .	934 84	9,814 25
Quincy . . . . .	815 75	8,564 00
Revere . . . . .	249 83	2,622 75
Saugus . . . . .	83 16	873 00
Somerville . . . . .	744 12	7,812 00
Stoneham . . . . .	79 18	831 25
Swampscott . . . . .	158 93	1,668 50
Wakefield . . . . .	143 83	1,510 00
Waltham . . . . .	355 96	3,737 00
Watertown . . . . .	338 46	3,553 25
Wellesley . . . . .	201 10	2,111 25
Weston . . . . .	53 25	559 00
Weymouth . . . . .	26 74	280 75
Winchester . . . . .	270 35	2,838 25
Winthrop . . . . .	186 41	1,957 00
Woburn . . . . .	154 00	1,616 75
	132 04	1,386 25
	\$23,813 28 <sup>1</sup>	\$250,000 00 <sup>2</sup>

<sup>1</sup> Chapter 330, Acts of 1925, and Chapter 369, Acts of 1926, Metropolitan Parks District, 33-1/3%.

<sup>2</sup> Chapter 382, Acts of 1929.

# SPECIAL ASSESSMENT ON ACCOUNT OF CONSTRUCTION OF SOUTHERN TRAFFIC ROUTE.

(Chapter 330, Acts of 1925, and Chapter 369, Acts of 1926.)

	Amount
City of Boston . . . . .	\$21,503 06
City of Quincy . . . . .	2,310 22
	<u>\$23,813 28</u>

# SPECIAL ASSESSMENT ON ACCOUNT OF CONSTRUCTION OF NORTHERN TRAFFIC ROUTE.

(Sections 2 and 3, Chapter 382, Acts of 1929.)

	Amount
City of Cambridge . . . . .	\$500,000 00
City of Somerville . . . . .	500,000 00
	<u>\$1,000,000 00</u>

## A LEWIFE BROOK.

(Chapter 529 of the Acts of 1906, as amended by Chapter 529 of the Acts of 1907, and Chapter 458 of the Acts of 1911.)<sup>1</sup>

CITIES AND TOWNS	Assessment	Interest	Total	Proportion of Total (Per Cent)
Arlington . . . . .	\$1,636 79	\$128 93	\$1,765 72	24
Belmont . . . . .	1,159 39	91 33	1,250 72	17
Cambridge . . . . .	3,205 37	252 51	3,457 88	47
Somerville . . . . .	\$18 39	64 47	882 86	12
	<u>\$6,819 94</u>	<u>\$537 24</u>	<u>\$7,357 18</u>	<u>100</u>

<sup>1</sup> This table includes the nineteenth assessment and interest under Chapter 529 of the Acts of 1906 and 1907, and the sixteenth assessment and interest under Chapter 458 of the Acts of 1911.

## STATEMENT III. METROPOLITAN SEWERAGE DISTRICT.

### Debt, North System.

Gross sewerage, north system, debt, April 1, 1929:

Bonds outstanding (sinking fund) . . . . .	\$6,563,000 00
Bonds outstanding (serial) . . . . .	1,065,500 00
	<u>\$7,628,500 00</u>

a decrease for the year of \$94,500 00

Sinking fund, April 1, 1929 . . . . . 5,873,702 42

an increase for the year of \$226,421 20

Net sewerage, north system, debt, April 1, 1929 . . . . . \$1,754,797 58

a decrease for the year of \$320,921 20

### Assessment, North System.

Sinking fund . . . . .	\$14,353 25
Serial bonds . . . . .	\$90,500 00
Note under Chapter 211, Acts of 1928 . . . . .	150,000 00
	<u>240,500 00</u>

Interest:

One year on \$7,604,500	\$244,115 00
Four months on 14,500	193 34
Interest on advances and temporary loans, estimated, 1929 . . . . .	5,000 00
	<u>\$249,308 34</u>

Less adjustment of interest charges in 1928 . . . . . 224 95

249,083 39

*Assessment, North System.—Concluded.*

Maintenance as appropriated		
by Legislature . . . . .	\$347,200 00	
Less balance on hand . . . . .	40,312 81	
	<hr/>	\$306,887 19
Total North Metropolitan Sewerage Assessment . . . . .		<u><u>\$810,823 83</u></u> <sup>1</sup>

<sup>1</sup> Exclusive of \$6,666 67 special assessment under Chapter 29, Resolves of 1929.

## NORTH METROPOLITAN SEWERAGE DISTRICT.

*Everett and Malden, Special Assessments (Chapter 512, Acts of 1911).*

Bonds issued . . . . .	\$62,000 00	
Previously assessed . . . . .	38,000 00	
	<hr/>	
Outstanding . . . . .	\$24,000 00	
Assessment for 1929 is made up as follows:		
Serial bonds due Jan. 1, 1930 . . . . .		\$2,000 00
Interest:		
One year on \$24,000 00 . . . . .	840 00	
Four months on 2,000 00 . . . . .	23 34	
	<hr/>	863 34
		<u><u>\$2,863 34</u></u>

Everett and Malden, one-half each.

## METROPOLITAN SEWERAGE DISTRICT.

*Debt, South System.*

Gross sewerage, south system, debt, April 1, 1929:		
Bonds outstanding (sinking fund) . . . . .	\$8,877,912 00	
Bonds outstanding (serial) . . . . .	787,000 00	
	<hr/>	\$9,664,912 00
a decrease for the year of \$31,000 00		
Sinking fund April 1, 1929 . . . . .		4,115,606 66
		<hr/>
an increase for the year of \$319,814.38		
Net sewerage, south system, debt, April 1, 1929 . . . . .		<u><u>\$5,549,305 34</u></u>
a decrease for the year of \$350,814.38.		

*Assessment, South System.*

Sinking Fund . . . . .		\$176,177 41
Serial bonds . . . . .		31,000 00
Interest:		
One year on \$9,664,912 00 . . . . .	\$333,272 36	
Interest on advances and temporary loans, estimated, 1929 . . . . .	10,000 00	
Adjustment of interest charges in 1928 . . . . .	2,399 28	
	<hr/>	345,671 64
Maintenance as appropriated by Legislature . . . . .	\$223,700 00	
Less balance on hand . . . . .	18,573 31	
	<hr/>	205,126 69
Total South Metropolitan sewerage assessment . . . . .		<u><u>\$757,975 74</u></u> <sup>1</sup>

<sup>1</sup> Exclusive of \$6,666 67 special assessment under Chapter 29, Resolves of 1929.

METROPOLITAN SEWERAGE LOAN.  
*North System — Assessment.*

CITIES AND TOWNS	Sinking Fund	Serial Bond and Note <sup>1</sup>	Interest	Maintenance	Total
Arlington . . . . .	\$796 60	\$13,347 75	\$13,824 13	\$11,109 32	\$39,077 80
Belmont . . . . .	503 80	8,441 55	8,742 82	6,782 21	24,470 38
Boston . . . . .	1,501 35	25,156 30	26,054 12	46,462 72	99,174 49
Cambridge . . . . .	2,781 66	46,608 90	48,272 36	53,214 24	150,877 16
Chelsea . . . . .	897 08	15,031 25	15,567 71	21,021 77	52,517 81
Everett . . . . .	1,019 08	17,075 50	17,684 92	18,720 12	54,499 62
Lexington . . . . .	172 24	2,886 00	2,989 00	2,209 59	8,256 83
Malden . . . . .	997 55	16,714 75	17,311 30	23,047 23	58,070 83
Medford . . . . .	1,043 48	17,484 35	18,108 36	21,175 22	57,811 41
Melrose . . . . .	502 36	8,417 50	8,717 92	8,961 10	26,598 88
Reading . . . . .	223 91	3,751 80	3,885 70	3,866 87	11,728 19
Revere . . . . .	578 44	9,692 15	10,038 06	14,791 96	35,100 61
Somerville . . . . .	1,723 83	28,884 05	29,914 92	44,038 31	104,561 11
Stoneham . . . . .	183 72	3,078 40	3,188 27	4,050 91	10,501 30
Wakefield . . . . .	333 00	5,579 60	5,778 73	6,935 65	18,626 98
Winchester . . . . .	432 03	7,239 05	7,497 41	5,155 70	20,324 19
Winthrop . . . . .	357 40	5,988 45	6,202 18	7,181 16	19,729 19
Woburn . . . . .	305 72	5,122 65	5,305 48	8,163 20	18,897 05
	<b>\$14,353 25</b>	<b>\$240,500 00</b>	<b>\$249,083 39</b>	<b>\$306,887 19</b>	<b>\$810,823 83<sup>2</sup></b>

<sup>1</sup> Issued under Chapter 211, Acts of 1928.

<sup>2</sup> Exclusive of \$2,863 34 special assessments on Everett and Malden which are included on page 4

Special assessment under Chapter 29, Resolves of 1929 . . . . .	\$2,863 34
	6,666 67
	<b>\$820,353 84</b>

METROPOLITAN SEWERAGE LOAN, NORTH SYSTEM.  
*Special Assessment. (Chapter 29 of the Resolves of 1929.)*

Arlington . . . . .	\$241 33	Melrose . . . . .	\$194 67
Belmont . . . . .	147 33	Reading . . . . .	84 00
Boston . . . . .	1,009 33	Revere . . . . .	321 33
Cambridge . . . . .	1,156 00	Somerville . . . . .	956 67
Chelsea . . . . .	456 67	Stoneham . . . . .	88 00
Everett . . . . .	406 67	Wakefield . . . . .	150 67
Lexington . . . . .	48 00	Winchester . . . . .	112 00
Malden . . . . .	500 67	Winthrop . . . . .	156 00
Medford . . . . .	460 00	Woburn . . . . .	177 33
		<b>Total . . . . .</b>	<b>\$6,666 67</b>

METROPOLITAN SEWERAGE LOAN, NORTH SYSTEM.  
*Sinking Fund.*

BONDS ISSUED AND AMOUNTS ALREADY PROVIDED FOR	Due Dates	Sinking Fund Dec. 1, 1928	Amount of Dec. 1, 1928, Sinking Fund at Maturity of Loan. Accumulations reckoned at 3½ Per Cent.	Balance	Portion of Balance to be provided for this year	Sinking Fund re- quirements for 1929
\$5,330,000 (5,330,000)	Jan., 1930 Sunk	\$5,168,240 36	\$5,363,866 32	-	-	-
265,000 (255,064)	Jan., 1930 Sunk	254,469 59	264,101 66	\$255,962 34	\$898 34	\$898 34
200,000 (190,749)	Jan., 1930 Sunk	192,605 46	199,895 88	190,853 12	104 12	104 12
250,000 (122,915)	July, 1943 Sunk	76,690 96	131,433 23	241,481 77	8,049 39	4,874 58
50,000 (24,585)	Jan., 1943 Sunk	15,595 29	26,235 35	48,349 65	1,611 65	994 29
55,000 (27,041)	July, 1943 Sunk	19,171 96	32,856 97	49,184 03	1,639 47	992 84
300,000 (87,500)	Jan., 1949 Sunk	49,267 21	103,576 88	283,923 12	9,464 10	4,672 07
113,000 (32,957)	Jan., 1949 Sunk	16,903 33	35,536 70	110,420 30	3,680 68	1,817 01
6,563,000 (6,070,811)	Sunk	\$5,792,944 16	\$6,157,502 99	\$1,180,174 33	\$25,447 75	\$14,353 25



## METROPOLITAN SEWERAGE LOAN, NORTH SYSTEM.

*Amounts provided for and to be provided for.*

BONDS ISSUED	Due Dates	Amounts provided for	Amounts to be provided for	1929
\$5,330,000	1930	1/8+1/6+1/3+30/80	—	—
265,000	1930	70/240+1/3+27/80	3/80	3/80
200,000	1930	49/240+1/3+999/2400	111/2400	111/2400
300,000	1943	1/8+1/6+6/30	4/30+3/8	1/30
55,000	1943	1/8+1/6+6/30	4/30+3/8	1/30
300,000	1949	1/8+10/60	1/3+3/8	1/30
113,000	1949	1/8+10/60	1/3+3/8	1/30

## NORTH METROPOLITAN SYSTEM.

*Ratios of Construction on the basis of the Valuations of 1928 and the Census Returns of 1925. Assessment made by the Metropolitan District Commission.*

CITIES AND TOWNS	State Valuation Acts of 1929, Chapter 32	Proportion for interest, Sinking Fund and Serial Bonds (Per Cent.)	Population, State Census, 1925	Proportion for Main- tenance and operation (Per Cent.)
Arlington . . . . .	\$59,012,938	5.55	24,943	3.62
Belmont . . . . .	37,341,787	3.51	15,256	2.21
Boston:				
Charlestown and East Boston . . . . .	111,334,757	10.46	104,452	15.14
Cambridge . . . . .	206,194,438	19.38	119,669	17.34
Chelsea . . . . .	66,464,677	6.25	47,247	6.85
Everett . . . . .	75,489,874	7.10	42,072	6.10
Lexington . . . . .	12,800,000 <sup>1</sup>	1.20	5,000 <sup>2</sup>	0.72
Malden . . . . .	73,926,887	6.95	51,789	7.51
Medford . . . . .	77,329,390	7.27	47,627	6.90
Melrose . . . . .	37,287,609	3.50	20,165	2.92
Reading . . . . .	16,617,331	1.56	8,693	1.26
Revere . . . . .	42,907,105	4.03	33,261	4.82
Somerville . . . . .	127,799,943	12.01	99,032	14.35
Stoneham . . . . .	13,600,617	1.28	9,084	1.32
Wakefield . . . . .	24,703,006	2.32	15,611	2.26
Winchester . . . . .	32,013,468	3.01	11,565	1.68
Winthrop . . . . .	26,449,010	2.49	16,158	2.34
Woburn . . . . .	22,679,665	2.13	18,370	2.66
	\$1,063,952,502	100.00	689,994	100.00

<sup>1</sup> 64.08% of the town valuation, derived from figures certified by the Board of Assessors of Lexington.<sup>2</sup> See letter of F. J. Spencer, Secretary of the Board of Assessors.

## METROPOLITAN SEWERAGE LOAN.

*South System — Assessment.*

CITIES AND TOWNS	Sinking Fund	Serial Bonds	Interest	Maintenance	Total
Boston . . . . .	\$68,074 95	\$11,978 40	\$133,567 52	\$109,373 55	\$322,994 42
Braintree . . . . .	3,382 61	595 20	6,636 89	—	10,614 70
Brookline . . . . .	23,132 09	4,070 30	45,386 69	15,712 70	88,301 78
Canton . . . . .	1,444 65	254 20	2,834 51	—	4,533 36
Dedham . . . . .	3,435 46	604 50	6,740 60	4,861 50	15,642 06
Milton . . . . .	5,338 18	939 30	10,473 85	4,738 43	21,489 76
Needham . . . . .	2,924 55	514 60	5,738 15	3,302 54	12,479 84
Newton . . . . .	21,458 41	3,775 80	42,102 80	19,507 55	86,844 56
Norwood . . . . .	4,034 46	709 90	7,915 88	—	12,660 24
Quincy . . . . .	18,727 66	3,295 30	36,744 90	22,112 66	80,880 52
Stoughton . . . . .	1,427 04	251 10	2,799 94	—	4,478 08
Walpole . . . . .	2,237 45	393 70	4,390 03	—	7,021 18
Waltham . . . . .	8,174 63	1,438 40	16,039 16	12,799 91	38,452 10
Watertown . . . . .	7,769 42	1,367 10	15,244 12	9,374 29	33,754 93
Wellesley . . . . .	4,615 85	812 20	9,056 60	3,343 56	17,828 21
	\$176,177 41	\$31,000 00	\$345,671 64	\$205,126 69	\$757,975 74 <sup>1</sup>

<sup>1</sup> Needham is also assessed \$11,103.38 under section 2 of Chapter 59 of the Acts of 1924 (Third assessment.)

Canton is also assessed \$7,859.16; Norwood, \$22,112.63; Stoughton, \$7,790.33, and

Walpole \$12,237.88; under section 5, Chapter 384 of the Acts of 1928. (First assessment.)

Braintree is also assessed \$16,041.74 under section 5 of Chapter 546 of the Acts of 1910.

(First assessment.)

Special assessment under Chapter 29, Resolves of 1929. . . . .

					6,666 67
					\$841,787 53



METROPOLITAN SEWERAGE, SOUTH SYSTEM.  
Special Assessment. (Chapter 29 of the Resolves of 1929.)

Boston . . . . .	\$3,554 67	Newton . . . . .	\$634 00
Brookline . . . . .	510 67	Quincy . . . . .	718 67
Dedham . . . . .	158 00	Waltham . . . . .	416 00
Milton . . . . .	154 00	Watertown . . . . .	304 67
Needham . . . . .	107 33	Wellesley . . . . .	108 66
Total . . . . .		\$6,666 67	

METROPOLITAN SEWERAGE LOAN, SOUTH SYSTEM, SINKING FUND.

BONDS ISSUED AND AMOUNTS ALREADY PROVIDED FOR	Due Dates	Sinking Fund Dec. 1, 1928	Amount of Dec. 1, 1928, Sinking Fund at Maturity of Loan. Ac- cumulations reckoned at 3½ Per Cent.	Balance	Portion of Balance to be provided for this Year	Sinking Fund Re- quirements for 1929
\$800,000 (800,000)	Jan., 1930 Sunk	\$781,516 25	\$811,097 86	-	-	-
839,000 (650,225)	Mar., 1935 Sunk	562,789 81	703,327 64	\$785,897 36	\$29,471 15	\$24,474 90
65,000 (47,937)	Mar., 1936 Sunk	39,939 11	51,801 83	61,135 17	2,292 57	1,834 47
1,024,912 (640,570)	July, 1939 Sunk	470,342 01	694,758 43	970,723 57	36,402 13	25,576 55
3,586,000 (2,121,717)	July, 1940 Sunk	1,492,282 20	2,287,737 82	3,419,979 18	113,999 31	77,175 98
996,000 (489,700)	Jan., 1943 Sunk	312,663 24	525,981 21	959,718 79	31,990 62	19,736 24
392,000 (179,667)	July, 1944 Sunk	107,744 17	191,641 72	380,025 28	12,667 51	7,391 46
175,000 (68,542)	Jan., 1946 Sunk	47,659 07	89,628 20	153,913 80	5,130 46	2,831 34
1,000,000 (391,667)	Jan., 1946 Sunk	244,084 81	459,028 75	932,638 25	31,087 94	17,156 47
\$8,877,912 (5,390,025)	- Sunk	\$4,059,020 67	\$5,815,003 46	\$7,664,031 40	\$263,041 69	\$176,177 41

METROPOLITAN SEWERAGE LOAN, SOUTH SYSTEM.

*Amounts provided for and to be provided for.*

BONDS ISSUED	Due Dates	Amount provided for	Amount to be provided for	1929
\$800,000	1930	1/8 + 1/6 + 1/3 + 30/80	-	-
839,000	1935	1/8 + 1/6 + 1/3 + 12/80	18/80	3/80
65,000	1936	1/8 + 1/6 + 1/3 + 9/80	21/80	3/80
1,024,912	1939	1/8 + 1/6 + 10/30	3/8	3/80
2,586,000	1940	1/8 + 1/6 + 9/30	1/30 + 3/8	1/30
996,000	1943	1/8 + 1/6 + 6/30	4/30 + 3/8	1/30
392,000	1944	1/8 + 1/6 + 5/30	5/30 + 3/8	1/30
175,000	1946	1/8 + 1/6 + 3/30	7/30 + 3/8	1/30
1,000,000	1946	1/8 + 1/6 + 3/30	7/30 + 3/8	1/30

## SOUTH METROPOLITAN SYSTEM.

*Ratios of Contribution on the Basis of the Valuation of 1928 and the Census Returns of 1925. Assessment made by the Metropolitan District Commission.*

CITIES AND TOWNS	State Valuation, Acts of 1929, Chapter 32	Proportion for Interest Sinking Fund and Serial Bonds, (Per Cent.)	Population, State Census, 1925	Proportion for Main- tenance and Operation (Per Cent.)
Boston . . . . .	\$509,124,820	38.64	297,116	53.32
All of Brighton and Hyde Park, and parts of Back Bay, Roxbury, West Roxbury and Dorchester.				
Braintree . . . . .	25,347,017	1.92	—	— <sup>3</sup>
Brookline . . . . .	173,055,685	13.13	42,681	7.66
Canton . . . . .	10,746,130	.82	—	— <sup>3</sup>
Dedham . . . . .	25,653,480 <sup>1</sup>	1.95	13,230 <sup>2</sup>	2.37
Milton . . . . .	39,890,118	3.03	12,861	2.31
Needham . . . . .	21,836,033	1.66	8,977	1.61
Newton . . . . .	160,555,304	12.18	53,003	9.51
Norwood . . . . .	30,235,448	2.29	—	— <sup>3</sup>
Quincy . . . . .	140,099,818	10.63	60,055	10.78
Stoughton . . . . .	10,652,016	0.81	—	— <sup>3</sup>
Walpole . . . . .	16,733,317	1.27	—	— <sup>3</sup>
Waltham . . . . .	61,134,536	4.64	34,746	6.24
Watertown . . . . .	58,127,777	4.41	25,480	4.57
Wellesley . . . . .	34,538,663	2.62	9,049	1.63
	<u>\$1,317,730,162</u>	<u>100.00</u>	<u>557,198</u>	<u>100.00</u>

<sup>1</sup> 96.65% of the town valuation, derived from figures certified by the Board of Assessors of Dedham.

<sup>2</sup> After deducting 688. Population of outer area of Dedham.

<sup>3</sup> No maintenance charges.

## SPECIAL METROPOLITAN SEWERAGE ASSESSMENT.

Boston is assessed, under Chapter 29 of the Resolves of 1929 . . . . . \$6,666 66

## METROPOLITAN PARKS AND SEWERAGE LOANS.

*Comparison of Assessments 1928 and 1929.*

CITIES AND TOWNS	PARKS		SEWER	
	1928	1929	1928	1929
Arlington . . . . .	\$36,930 82	\$56,614 35	\$41,646 20	\$39,319 13
Belmont . . . . .	23,671 82	35,862 96	26,326 78	24,617 71
Boston . . . . .	1,375,141 19	1,875,803 56	454,415 91	433,399 57
Braintree . . . . .	15,702 12	16,075 28	—	26,656 44
Brookline . . . . .	95,954 52	393,227 85	97,327 93	88,812 45
Cambridge . . . . .	134,322 56	998,290 72	162,393 46	152,033 16
Canton . . . . .	6,524 87	6,891 34	—	12,392 52
Chelsea . . . . .	44,435 45	68,290 03	56,990 64	52,974 48
Cohasset . . . . .	276 88	286 81	—	—
Dedham . . . . .	15,613 24	25,391 17	16,497 14	15,800 06
Dover . . . . .	2,108 31	2,332 19	—	—
Everett . . . . .	44,465 76	72,854 32	57,102 81	56,337 96
Hingham . . . . .	8,739 49	9,232 76	—	—
Hull . . . . .	10,004 43	9,923 15	—	—
Lexington . . . . .	—	6,070 97	8,510 87	8,304 83
Lynn . . . . .	95,619 15	99,590 11	—	—
Malden . . . . .	50,115 74	76,525 40	62,997 02	60,003 17
Medford . . . . .	51,169 49	78,764 04	60,875 06	58,271 41
Melrose . . . . .	21,679 67	35,814 53	27,025 33	26,793 55
Milton . . . . .	20,310 91	36,116 46	21,407 35	21,643 76
Nahant . . . . .	3,069 66	3,076 82	—	—
Needham . . . . .	12,323 89	20,305 47	24,303 93	23,690 55
Newton . . . . .	87,314 44	145,689 07	91,478 84	87,478 56
Norwood . . . . .	—	—	—	34,772 87
Quincy . . . . .	196,440 99	144,031 90	87,701 71	81,599 19
Reading . . . . .	—	—	12,679 35	11,812 19
Revere . . . . .	29,085 54	42,088 98	37,941 97	35,421 94
Saugus . . . . .	10,191 54	14,817 32	—	—
Somerville . . . . .	89,535 40	633,222 97	113,077 87	105,517 78
Stoneham . . . . .	9,446 73	14,041 08	11,397 10	10,589 30
Stoughton . . . . .	—	—	—	12,268 41
Swampscott . . . . .	15,866 88	15,995 19	—	—
Wakefield . . . . .	16,146 13	16,355 57	20,270 95	18,777 65
Walpole . . . . .	—	—	—	19,259 06
Waltham . . . . .	38,260 15	59,193 48	42,442 32	38,868 10
Watertown . . . . .	33,628 43	54,373 82	36,247 88	34,059 60
Wellesley . . . . .	19,888 08	30,825 83	20,234 05	17,936 87
Weston . . . . .	5,286 31	8,288 82	—	—
Westwood . . . . .	2,563 29	2,741 16	—	—
Weymouth . . . . .	25,529 72	27,714 77	—	—
Winchester . . . . .	18,875 41	29,363 55	21,884 51	20,436 19
Winthrop . . . . .	17,120 47	25,904 35	21,376 84	19,885 19
Woburn . . . . .	15,082 52	23,246 39	19,980 44	19,074 38
	\$2,698,492 00	\$5,215,234 54	\$1,654,534 26	\$1,668,808 03

## STATEMENT IV.

## CHARLES RIVER BASIN LOAN.

Gross Charles River Basin debt, April 1, 1929:

Bonds outstanding (sinking fund) . . . . .	\$4,125,000 00	
Bonds outstanding (serial) . . . . .	203,000 00	
		\$4,328,000 00

a decrease for the year of \$10,000.

Sinking fund, April 1, 1929 . . . . . 2,010,917 25

an increase for the year of \$81,172 56.

Net Charles River Basin debt, April 1, 1929 . . . . . \$2,317,082 75

a decrease for the year of \$91,172 56.

Total Charles River Basin Assessment for 1929 — District.

Serial bonds . . . . .				\$10,000 00
Interest:				
One year on \$4,125,000 00	\$4,125,000 00	\$142,250 00		
Six months on 213,000 00	213,000 00	3,850 00		
Six months on 203,000 00	203,000 00	3,670 00		
Interest on advances and temporary loans, estimated, 1929 . . . . .		10,000 00		
Adjustment of interest charges in 1928 . . . . .		2,547 99		
			\$162,317 99	
Interest on Bridge . . . . .			41,381 82	
				\$120,936 17
Maintenance as appropriated by Legislature . . . . .			\$265,400 00	
Less balance on hand . . . . .			18,979 54	
				\$246,420 46
Total Charles River Basin assessment . . . . .				\$377,356 63

Charles River Bridge.

Sinking fund . . . . .				\$10,330 40
Interest . . . . .				41,381 82
				\$51,712 22

Boston and Cambridge, one-half each.

CHARLES RIVER BASIN LOAN SINKING FUND.

District.

BONDS ISSUED	Due Dates	Sinking Fund Dec. 1, 1928	Amount Dec. 1, 1928, Sinking Fund at Maturity of Loan. Accumulations reckoned at 3½ Per Cent.	Balance to be provided for	Sinking Fund Requirements for 1929
\$177,272 73	Jan., 1944	\$103,491 40	\$180,689 50	—	—
283,636 36	Jan., 1945	159,547 13	289,103 19	—	—
425,454 55	Jan., 1946	230,592 42	433,654 80	—	—
815,454 55	Jan., 1947	425,849 72	831,171 69	—	—
283,636 36	Jan., 1948	142,719 47	289,103 16	—	—
602,727 28	Jan., 1949	292,217 99	614,344 27	—	—
336,818 17	Jan., 1950	157,342 62	343,310 02	—	—
\$2,925,000 00	—	\$1,511,760 75	\$2,981,376 63	—	—

Boston and Cambridge, Charles River Bridge.

\$72,727 27	Jan., 1944	\$37,778 17	\$65,958 32	\$6,768 95	\$343 48
116,363 64	Jan., 1945	59,799 31	108,357 77	8,005 87	373 18
174,545 45	Jan., 1946	77,746 88	146,211 69	28,333 76	1,217 88
334,545 45	Jan., 1947	132,970 84	259,531 93	75,013 52	2,983 18
116,363 64	Jan., 1948	42,140 56	85,363 05	31,000 59	1,144 05
247,272 72	Jan., 1949	80,964 04	170,214 69	77,058 03	2,645 96
138,181 83	Jan., 1950	40,108 36	87,513 49	50,668 34	1,622 67
\$1,200,000 00	—	\$471,508 16	\$923,150 94	\$276,849 06	\$10,330 40

ANALYSIS OF CHARLES RIVER BASIN DEBT, JULY 1, 1929.

DEBT	Total	Cambridge, Charles River Bridge	Boston, Charles River Bridge	District
Gross Debt . . . . .	\$4,328,000 00	\$600,000 00	\$600,000 00	\$3,128,000 00
Sinking Fund . . . . .	2,020,980 69	240,236 94	240,236 94	1,540,506 81
	\$2,307,019 31	\$359,763 06	\$359,763 06	\$1,587,493 19

## CHARLES RIVER BASIN LOAN — ASSESSMENT.

(For table of percentages see page 13.)

CITIES AND TOWNS	Serial Bonds	Interest	Maintenance	Total
Arlington . . . . .	\$144 29	\$1,744 99	\$3,555 60	\$5,444 88
Belmont . . . . .	91 30	1,104 15	2,249 82	3,445 27
Boston . . . . .	5,192 24	62,792 96	127,947 42	195,932 62
Braintree . . . . .	61 98	749 56	1,527 31	2,338 85
Brookline . . . . .	423 14	5,117 30	10,427 03	15,967 47
Cambridge . . . . .	504 16	6,097 12	12,423 53	19,024 81
Canton . . . . .	26 28	317 82	647 59	991 69
Chelsea . . . . .	162 51	1,965 33	4,004 58	6,132 42
Dedham . . . . .	64 90	784 88	1,599 27	2,449 05
Dover . . . . .	10 05	121 54	247 65	379 24
Everett . . . . .	184 58	2,232 24	4,548 43	6,965 25
Hingham . . . . .	37 32	451 33	919 64	1,408 29
Hull . . . . .	44 93	543 37	1,107 17	1,695 47
Lynn . . . . .	358 03	4,329 88	8,822 59	13,510 50
Malden . . . . .	180 76	2,186 04	4,454 30	6,821 10
Medford . . . . .	189 08	2,286 66	4,659 32	7,135 06
Melrose . . . . .	91 17	1,102 58	2,246 62	3,440 37
Milton . . . . .	97 53	1,179 49	2,403 34	3,680 36
Nahant . . . . .	12 95	156 61	319 11	488 67
Needham . . . . .	53 39	645 68	1,315 64	2,014 71
Newton . . . . .	392 57	4,747 59	9,673 73	14,813 89
Quincy . . . . .	342 56	4,142 79	8,441 38	12,926 73
Revere . . . . .	104 91	1,268 74	2,585 20	3,958 85
Saugus . . . . .	34 92	422 31	860 50	1,317 73
Somerville . . . . .	312 48	3,779 01	7,700 15	11,791 64
Stoneham . . . . .	33 25	402 11	819 35	1,254 71
Swampscott . . . . .	66 74	807 13	1,644 61	2,518 48
Wakefield . . . . .	60 40	730 45	1,488 38	2,279 23
Waltham . . . . .	149 48	1,807 75	3,683 49	5,640 72
Watertown . . . . .	142 13	1,718 87	3,502 37	5,363 37
Wellesley . . . . .	84 45	1,021 31	2,081 02	3,186 78
Weston . . . . .	22 36	270 41	551 00	843 77
Westwood . . . . .	11 23	135 81	276 73	423 77
Weymouth . . . . .	113 53	1,372 99	2,797 61	4,284 13
Winchester . . . . .	78 28	946 69	1,928 98	2,953 95
Winthrop . . . . .	64 67	782 09	1,593 60	2,440 36
Woburn . . . . .	55 45	670 59	1,366 40	2,092 44
	\$10,000 00	\$120,936 17	\$246,420 46	\$377,356 63
Special assessment on Boston and Cambridge included on page 4 . . . . .				\$51,712 22
				\$429,068 85



## STATEMENT OF THE DEBTS OF THE METROPOLITAN DISTRICT, JULY 1, 1929

		Metropolitan Parks	Metropolitan Parks, Nantasket	Metropolitan Parks, Boulevards
Bonds outstanding (Sinking Fund)		\$8,660,000 00	\$700,000 00	\$2,567,500 00
Bonds outstanding (Serial)		61,750 00	—	1,477,000 00
Gross Debt		\$8,721,750 00	\$700,000 00	\$4,044,500 00
Sinking Funds, July 1, 1929		5,768,279 45	443,214 41	1,612,094 07
Net Debt		\$2,953,470 55	\$256,785 59	\$2,432,405 93
				2,184,405 93 <sup>2</sup>
		For percentages see page 13	For percentages see page 15	For percentages see page 13
1	Arlington	\$42,615 63	\$3,695 40	\$31,518 79
2	Belmont	26,965 19	2,338 29	19,943 63
3	Boston	1,533,512 79	132,973 08	1,239,607 75
4	Braintree	18,305 61	1,587 19	13,538 95
5	Brookline	124,973 15	10,836 61	92,430 95
6	Cambridge	148,902 17	12,911 69	110,129 01
7	Canton	7,761 72	672 78	5,740 62
8	Chelsea	47,996 85	4,161 98	35,498 78
9	Cohasset	—	685 87	—
10	Dedham	19,168 03	1,662 17	14,176 79
11	Dover	2,968 24	257 30	2,195 33
12	Everett	54,515 16	4,727 17	40,319 76
13	Hingham	11,022 35	955 76	8,152 20
14	Hull	13,269 94	1,150 66	9,814 54
15	Lexington	—	—	—
16	Lynn	105,743 11	9,169 04	78,208 29
17	Malden	53,386 93	4,629 07	39,485 32
18	Medford	55,844 22	4,842 21	41,302 75
19	Melrose	26,926 79	2,334 95	19,915 23
20	Milton	28,805 20	2,497 75	21,304 51
21	Nahant	3,824 74	331 77	2,828 81
22	Needham	15,768 58	1,367 38	11,662 54
23	Newton	115,944 39	10,053 67	85,753 22
24	Norwood	—	—	—
25	Quincy	101,174 09	8,772 82	153,887 83
26	Reading	—	—	—
27	Revere	30,984 86	2,686 75	22,916 60
28	Saugus	10,313 52	894 38	7,627 95
29	Somerville	92,290 05	8,002 72	68,258 32
30	Stoneham	9,820 29	851 76	7,263 15
31	Stoughton	—	—	—
32	Swampscott	19,711 46	1,709 16	14,578 73
33	Wakefield	17,838 96	1,546 88	13,193 81
34	Walpole	—	—	—
35	Waltham	44,148 48	3,828 16	32,652 50
36	Watertown	41,977 68	3,639 94	31,046 96
37	Wellesley	24,942 06	2,162 65	18,447 31
38	Weston	6,603 96	572 63	4,884 33
39	Westwood	3,316 75	287 60	2,453 09
40	Weymouth	33,530 75	2,907 33	24,799 56
41	Winchester	23,119 77	2,004 73	17,099 53
42	Winthrop	19,100 09	1,656 27	14,126 55
43	Woburn	16,376 99	1,420 02	12,112 53
		\$2,953,470 55	\$256,785 59	\$2,368,876 52 <sup>3</sup>

<sup>1</sup> See page 30 for details.<sup>2</sup> District proportions.<sup>3</sup> Exclusive of \$63,529.41,

## (SECTION 11, CHAPTER 10, GENERAL LAWS).

Metropolitan Sewerage, North System	Metropolitan Sewerage, South System	Metropolitan Water	Charles River Basin	TOTAL	
\$6,563,000 00 1,065,500 00	\$8,877,912 00 787,000 00	\$41,398,000 00 12,216,000 00	\$4,125,000 00 203,000 00		
\$7,628,500 00 5,903,172 00	\$9,664,912 00 4,136,202 82	\$53,614,000 00 26,579,928 38	\$4,328,000 00 2,020,980 69		
\$1,725,328 00 \$1,701,328 00 <sup>2</sup>	\$5,528,709 18	\$27,034,071 62	\$2,307,019 31 <sup>1</sup> \$1,587,493 19 <sup>2</sup>		
For percentages see page 26	For percentages see page 28	For percentages see page 7	For percentages see page 13		
\$94,423 70	-	\$390,182 76	\$22,905 94	\$585,342 22	1
59,716 61	-	244,847 59	14,493 81	368,305 12	2
177,958 91	2,136,293 23	18,010,017 41	1,184,027 62	24,414,390 79	3
-	106,151 22	-	9,839 28	149,422 25	4
-	725,919 51	1,051,598 35	67,173 19	2,072,931 76	5
329,717 36	-	-	439,798 12	1,041,458 35	6
106,333 00	45,335 41	-	4,171 93	63,682 46	7
-	-	633,489 40	25,798 35	853,278 36	8
-	107,809 83	-	-	685 87	9
-	-	-	10,302 83	153,119 65	10
132,794 29	-	858,818 39	1,595 43	7,016 30	11
-	-	-	29,301 95	1,120,476 72	12
-	-	-	5,924 52	26,054 83	13
20,415 93	-	137,576 39	7,132 61	31,367 75	14
-	-	-	-	157,992 32	15
130,242 30	-	653,575 72	56,837 02	249,957 46	16
123,686 55	-	599,777 91	28,695 53	910,014 87	17
59,546 48	-	286,398 95	30,016 32	855,469 96	18
-	167,519 89	197,348 72	14,473 18	409,595 58	19
-	-	37,063 71	15,482 82	432,958 89	20
-	91,776 57	-	2,055 80	46,104 83	21
-	673,396 78	89,536 85	8,475 63	129,050 70	22
-	126,607 44	-	62,320 22	1,037,005 13	23
-	587,701 79	1,076 172 32	-	126,607 44	24
26,540 72	-	-	54,381 17	1,982,090 02	25
68,563 52	-	415,054 10	-	26,540 72	26
-	-	-	16,654 39	556,860 22	27
204,329 49	-	1,429,021 03	5,543 53	24,379 38	28
21,777 00	-	110,434 18	49,605 99	1,851,507 60	29
-	44,782 54	-	5,278 41	155,424 79	30
-	-	159,392 89	-	44,782 54	31
39,470 81	-	-	10,594 93	205,987 17	32
-	70,214 61	-	9,588 46	81,638 92	33
-	256,532 11	-	-	70,214 61	34
-	243,816 07	439,141 46	23,729 85	360,891 10	35
-	144,852 18	-	22,563 04	782,185 15	36
-	-	-	13,406 38	203,810 58	37
-	-	-	3,549 63	15,610 55	38
-	-	-	1,782 75	7,840 19	39
-	-	-	18,022 81	79,260 45	40
51,209 97	-	-	12,426 90	105,860 90	41
42,363 07	-	214,623 49	10,266 32	302,135 79	42
36,238 29	-	-	8,802 65	74,950 45	43
\$1,725,328 00	\$5,528,709 18	\$27,034,071 62	\$2,307,019 31	\$42,174,260 77	

share of counties of Norfolk and Plymouth and the Bay State Railway Company.

## INDEX.

## A.

Alewife Brook . . . . .	23
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The Commonwealth of Massachusetts

*Mass. : Treasury Department.*  
1936

ASSESSMENTS

FOR

INTEREST, SINKING FUNDS,  
SERIAL BONDS AND MAINTENANCE

OF THE

METROPOLITAN DISTRICTS

ISSUED BY THE

TREASURER AND RECEIVER-GENERAL



PUBLICATION OF THIS DOCUMENT APPROVED BY THE COMMISSION ON ADMINISTRATION AND FINANCE

## THE COMMONWEALTH OF MASSACHUSETTS

TREASURY DEPARTMENT, Sept. 1, 1936.

Under the provisions of section 11 of chapter 10 of the General Laws the following computations for annual assessments for interest, sinking funds, serial bond payments and maintenance for 1936, to be paid by the cities and towns comprising the Metropolitan Districts, are compiled and printed as a public document and herewith submitted.

Since September 1, 1935, bonds have been issued as follows:—

Metropolitan Additional Water Loan	\$8,500,000
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The following sections of chapter 92 of the General Laws show the manner of computing the proportions in which the cities and towns of the several metropolitan districts shall annually pay money into the treasury of the Commonwealth to meet the assessments against said districts:—

## METROPOLITAN SEWER

SECTION 5. The proportions in which each of the towns belonging in whole or in part to the north metropolitan and south metropolitan sewerage districts, respectively, shall annually pay money to the commonwealth to meet interest and sinking fund requirements for each year, as estimated by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him, shall be based upon the respective taxable valuations of the property of said towns, as last established by the general court as a basis of apportionment for state and county taxes.

SECTION 6. The proportions in which each of the towns belonging in whole or in part to either sewerage district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance and operation of the respective sewerage systems, as estimated by the commission and certified by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him, shall be based upon the respective populations of said towns as ascertained by the last preceding state or national census. If less than the whole area of any town is included in either of said metropolitan sewerage systems, the valuation and population only of that part of the town included in either of said systems, as determined by the commission, shall be used as a basis in determining the proportion and amount which it shall pay as its share of interest and sinking fund requirements and of the cost of maintenance and operation of works as required by this and the preceding section.

SECTION 7. The commission shall annually, in accordance with the two preceding sections, determine for each system the proportion in which each of the towns belonging in whole or in part to such system, shall annually pay money to the commonwealth to meet interest and sinking fund requirements and the cost of maintenance and operation of such systems, and shall transmit its determinations to the state treasurer.

## METROPOLITAN WATER

SECTION 26. The state treasurer, for the purpose of making the apportionment to the towns in the metropolitan water district of the amount required in each year to pay the interest, sinking fund requirements and expenses of maintenance and operation of the metropolitan water system, shall, in each year, apportion such amount to the towns in said district, one third in proportion to their valuation for the preceding year, and the remaining two thirds in proportion to their consumption, in said year, of water received from all sources of supply as determined by the commission and certified to said treasurer; provided, that there shall be included in reckoning such proportion only one fifth of the total valuation, and nothing for consumption of water, for any town which has not reached the safe capacity of its present sources of supply or of the sources of supply of the water company by which it is supplied, determined as aforesaid, or which has not made application to said commission for water; and provided further, that any town assessed upon its full valuation which obtains a part of its water supply from its own works or receives a supply from a water company shall be allowed and credited in its apportionments with a sum equal to twelve dollars for

each million gallons of water furnished as aforesaid, as determined by said commission and certified to said treasurer. The state treasurer shall annually notify each town of the amount of its assessment, and the same shall be paid by the town to the commonwealth at the time required for the payment of and as part of its state tax. . . .

### METROPOLITAN PARKS

SECTION 54. The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles river basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles river basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

SECTION 55. The proportions in which each town of said district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance of reservations, exclusive of Nantasket beach reservation and the Charles river basin, and any deficiency in the amounts previously paid in, as found by said treasurer, shall be apportioned according to the average percentage of valuation and population, determined as to any town by adding together the percentage which the valuation of the same bears to the total valuation of the towns of the district and the percentage which the population of the same bears to the total population of the towns of the district, and dividing this sum by two.

SECTION 56. (As amended by chapter 197 of the Acts of 1933.) The proportion in which each town of the metropolitan parks district, including Cohasset with respect to the maintenance of Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance of said reservation and the Charles river basin and any deficiency in the amounts previously paid in, as found by said treasurer, shall be based upon the respective taxable valuations of the property of said towns. The cost of maintenance of boulevards shall be annually appropriated by the general court from the Highway Fund.

SECTION 57. The commission shall annually, in accordance with the provisions of the three preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance of reservations and boulevards, and shall transmit the determination of the commission to the state treasurer.

SECTION 58. The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and the deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury at the time required for the payment of its proportion of the state tax.

SECTION 59. For the purpose of the five preceding sections, the words "taxable valuation of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the general court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the last census, state or national, next prior to such apportionment.

CHARLES F. HURLEY,  
*Treasurer and Receiver-General.*



## TOTAL ASSESSMENTS FOR METROPOLITAN DISTRICTS FOR 1936.

CITIES AND TOWNS	Metropolitan Water	Metropolitan Parks and Boulevards	Metropolitan Sewerage North and South Systems	Charles River Basin	Total
Arlington . . . . .	\$90,224 44	\$43,140 53	\$30,385 53n	\$5,892 82	\$169,643 32
Belmont . . . . .	63,392 51	25,289 67	21,520 49n	4,833 44	115,036 11
Boston . . . . .	3,142,714 27	865,339 29	{ 64,261 61n 383,974 12s	200,253 70	4,656,542 99
Braintree . . . . .	-	14,465 29	22,098 54s	2,702 11	39,265 94
Brookline . . . . .	214,283 08	70,355 72	109,595 94s	15,574 76	409,809 50
Cambridge . . . . .	-	99,078 71	93,903 92n	44,011 04	236,993 67
Canton . . . . .	-	4,890 98	15,395 71s	860 85	21,147 54
Chelsea . . . . .	109,473 15	28,899 32	30,371 34n	4,774 20	173,518 01
Cohasset . . . . .	-	333 52	-	-	333 52
Dedham . . . . .	-	13,184 01	20,111 13s	2,480 26	35,775 40
Dover . . . . .	-	2,158 33	-	495 41	2,653 74
Everett . . . . .	153,388 53	38,713 11	38,249 39n	7,128 46	237,479 49
Hingham . . . . .	-	7,493 33	-	1,511 35	9,004 68
Hull . . . . .	-	7,115 06	-	1,757 26	8,872 32
Lexington . . . . .	30,238 71	356 90	9,495 55n	-	40,091 16
Lynn . . . . .	-	77,110 86	-	13,694 01	90,804 87
Malden . . . . .	138,177 30	42,813 22	43,013 71n	6,959 73	230,963 96
Medford . . . . .	136,682 51	58,161 82	45,561 68n	7,838 18	248,244 19
Melrose . . . . .	60,551 89	20,030 60	19,116 52n	3,701 53	103,400 54
Milton . . . . .	44,635 47	18,161 58	27,979 50s	3,639 79	94,416 34
Nahant . . . . .	9,857 75	2,611 21	-	586 95	13,055 91
Needham . . . . .	-	12,065 89	18,613 24s	2,435 03	33,114 16
Newton . . . . .	19,958 85	75,085 89	116,132 61s	15,704 00	226,881 35
Norwood . . . . .	-	-	42,744 28s	-	42,744 28
Quincy . . . . .	198,689 47	71,568 40	100,194 86s	12,294 68	382,747 41
Reading . . . . .	-	-	8,387 12n	-	8,387 12
Revere . . . . .	80,019 08	102,273 47	24,421 67n	3,569 79	210,284 01
Saugus . . . . .	-	9,437 94	-	1,475 08	10,913 02
Somerville . . . . .	282,919 82	70,595 07	72,129 00n	11,478 69	437,122 58
Stoneham . . . . .	26,096 96	8,485 48	8,129 40n	1,426 63	44,138 47
Stoughton . . . . .	-	-	16,192 38s	-	16,192 38
Swampscott . . . . .	35,939 80	12,156 93	-	2,559 59	50,656 32
Wakefield . . . . .	-	12,059 82	12,204 54n	2,089 32	26,353 68
Walpole . . . . .	-	-	23,425 44s	-	23,425 44
Waltham . . . . .	-	31,365 69	47,687 74s	5,606 34	84,659 77
Watertown . . . . .	84,811 40	61,401 45	44,021 55s	5,279 66	195,514 06
Wellesley . . . . .	-	17,472 63	27,177 65s	3,803 14	48,453 42
Weston . . . . .	-	4,649 79	-	990 81	5,640 60
Westwood . . . . .	-	2,520 94	-	504 02	3,024 96
Weymouth . . . . .	-	22,891 39	53,502 73s	4,662 92	81,057 04
Winchester . . . . .	-	14,848 15	12,501 42n	3,084 07	30,433 64
Winthrop . . . . .	44,064 37	13,343 61	13,056 87n	2,403 80	72,868 65
Woburn . . . . .	-	12,772 73	13,736 30n	2,048 40	28,557 43
	\$4,966,119 36	\$1,994,698 33 <sup>1</sup>	\$1,629,293 48 <sup>2</sup>	\$410,111 82 <sup>3</sup>	\$9,000,222 99

n North System.

s South System.

<sup>1</sup> Includes special assessments shown at the bottom of page 12.<sup>2</sup> Includes special assessments shown on pages 25 and 26.<sup>3</sup> Includes special assessments shown at the bottom of page 31.

## ASSESSMENT ON COUNTIES AND STREET RAILWAY FOR 1936.

	Neponset Bridge, Serial Bonds and Interest	Ways in Malden, Braintree, Weymouth and Hingham	Bridge Over Mystic River
Norfolk County . . . . .	\$2,007 36	\$29 00	-
Middlesex County . . . . .	-	117 75	\$9,375 00
Plymouth County . . . . .	1,003 68	7.50	-
Bay State Street Railway Company . . . . .	975 00	-	-
	\$3,986 04 <sup>1</sup>	\$154 25	\$9,375 00

<sup>1</sup> Thirteenth assessment under Chapter 220, General Acts of 1917 and Chapter 380, Acts of 1922 (total assessments, 20).

## SPECIAL METROPOLITAN DISTRICT ASSESSMENTS FOR 1936.

CITIES AND TOWNS	Neponset Bridge Serial Bonds and Interest	Wellington Bridge Maintenance	Metropolitan Sewerage	Charles River Basin Bridge Sink- ing Fund and Interest	Alewife Brook Parkway Extension	Ways in Malden, Braintree, Weymouth and Hingham	Miscellaneous	Totals
Arlington	—	—	—	—	\$3,225 99	—	\$8,046 60 <sup>9</sup>	\$11,272 59
Belmont	—	—	—	—	975 20	—	—	975 20
Boston	—	—	—	\$25,561 14	—	—	—	33,590 54
Braintree	\$8,029 40	—	—	—	—	\$0 25	—	25
Cambridge	—	—	—	25,561 14	—	—	—	25,561 14
Canton	—	—	\$7,859 16s <sup>3</sup>	—	—	—	—	7,859 16
Dorchester	—	—	1,186 67n <sup>4</sup>	—	—	—	—	1,186 67
Hingham	—	—	—	—	—	7 50	—	7 50
Lexington	—	—	—	—	356 90	—	—	356 90
Malden	—	\$1,892 89	1,186 66n <sup>4</sup>	—	—	117 75	—	3,197 30
Medford	—	2,329 71	—	—	—	—	10,703 40 <sup>9</sup>	13,033 11
Norwood	—	—	22,112 63s <sup>3</sup>	—	—	—	—	22,112 63
Quincy	6,022 06	—	—	—	—	—	—	6,022 06
Revere	—	—	—	—	—	—	{ 42,500 00 <sup>10</sup> 7,805 43 <sup>11</sup> 29,440 63 <sup>12</sup> }	79,746 13
Somerville	—	1,601 69	—	—	—	—	—	1,601 69
Stoughton	—	304 02	—	—	—	—	—	304 02
Walden	—	—	7,790 33s <sup>3</sup>	—	—	—	—	7,790 33
Walpole	—	—	12,237 88s <sup>3</sup>	—	—	—	—	12,237 88
Watertown	—	—	—	—	—	—	32,500 00 <sup>13</sup>	32,500 00
Weymouth	—	—	18,243 43s <sup>6</sup>	—	—	28 75	—	18,272 18
	\$14,051 46 <sup>1</sup>	\$6,188 31 <sup>2</sup>	\$70,610 76	\$51,122 26 <sup>4</sup>	\$4,558 00 <sup>7</sup>	\$154 25 <sup>8</sup>	\$130,996 13	\$277,687 28

<sup>1</sup> Fourteenth assessment under Chapter 220, General Acts of 1917, and Chapter 380, Acts of 1922 (total assessments, 20).<sup>2</sup> Twenty-first assessment under Chapter 295, Acts of 1916.<sup>3</sup> Eighth assessment under Chapter 384, Acts of 1928 (total assessments, 10).<sup>4</sup> Twenty-fifth assessment under Chapter 512, Acts of 1911 (total assessments, 29).<sup>5</sup> Sixth assessment under Chapter 419, Acts of 1930 (total assessments, 10).<sup>6</sup> See page 29 for details.<sup>7</sup> See page 22 for details.<sup>8</sup> See page 22 for details.<sup>9</sup> Mystic River Bridge, Chapter 377, Acts of 1936.<sup>10</sup> Sea Wall at Roughan's Point, Chapter 358, Acts of 1936.<sup>11</sup> Beach Street Bridge, Chapter 258, Acts of 1932.<sup>12</sup> See page 23 for details.<sup>13</sup> Bath House, Chapter 331, Acts of 1936.



## STATEMENT I.

## METROPOLITAN WATER DISTRICT.

*Total Water Debt, April 1, 1936.*

## Under Metropolitan District Commission:

Gross Water Debt, April 1, 1936:

Bonds outstanding (sinking fund)	\$28,398,000 00	
Bonds outstanding (serial)	2,517,000 00	
		<u>\$30,915,000 00</u>

a decrease for the year of \$13,114,000 00

Sinking Fund, April 1, 1936 . . . . . 22,703,622 72

a decrease for the year of \$11,926,767 17.

Net Debt, April 1, 1936 . . . . . \$8,211,377 28

a decrease for the year of \$1,187,232 83.

## Under Metropolitan District Water Supply Commission:

Gross (and Net) Debt, April 1, 1936 . . . . . 29,095,000 00

Total Net Water Debt . . . . . \$37,306,377 28*Total Water Assessments for 1936.*

Sinking fund requirements (under Metropolitan District Commission) . . . . . \$118,859 85

## Serial Bonds:

Under Metropolitan District Commission . . . \$114,000 00

Under Metropolitan District

Water Supply Commission \$1,176,000 00

Less Premium . . . . . 55,952 50 1,120,047 50

Total Serial Bond Assessment . . . . . 1,234,047 50

## Interest:

Under Metropolitan District Commission:

One year on . \$28,398,000 \$938,435 00

Six months on 2,631,000 52,343 75

Six months on 2,517,000 50,081 25

\$1,040,860 00

Under Metropolitan District Water Supply Commission:

Six months on \$29,815,000 \$521,062 50

Six months on 29,095,000 508,187 50

Six months on 3,000,000 37,500 00

\$1,066,750 00

Total Interest Assessment . . . . . 2,107,610 00

## Maintenance as appropriated by

Legislature . . . . . \$1,345,219 00

Less balance on hand . . . . . 25,298 97

1,319,920 03

Metropolitan Water Assessment . . . . . \$4,780,437 38

Credit to Brookline for water furnished . . . . . 185,681 98

Total Metropolitan Water Assessment . . . . . \$4,966,119 36

## METROPOLITAN WATER LOAN.

*Sinking Fund.*

BONDS ISSUED	Due Dates	Sinking Fund Dec. 1, 1935	Amount of Dec. 1, 1935, Sinking Fund at Maturity of Loan*	Balance to be provided for	Sinking Fund Requirements for 1936
\$4,000,000	Jan., 1938	\$3,690,350 98	\$3,994,554 58	\$5,445 42	\$2,668 80
4,000,000	July, 1939	3,452,720 53	3,966,090 56	33,909 44	10,858 55
10,000,000	Jan., 1941	7,996,880 21	9,748,152 27	251,847 73	46,460 77
3,500,000	Jan., 1942	2,671,821 56	3,388,515 76	111,484 24	16,790 68
2,000,000	Jan., 1943	1,446,885 63	1,909,134 84	90,865 16	11,490 44
2,000,000	Jan., 1944	1,373,848 57	1,885,999 67	114,000 33	12,354 58
650,000	Jan., 1945	439,141 34	627,201 97	22,798 03	2,150 73
1,350,000	Jan., 1946	838,052 59	1,245,302 05	104,697 95	8,704 23
398,000	Jan., 1949	207,009 38	346,413 24	51,586 76	3,094 82
500,000	Jan., 1950	242,030 40	421,380 78	78,619 22	4,286 25
\$28,398,000	-	\$22,358,741 19	\$27,532,745 72	\$865,254 28	\$118,859 85

\* Accumulations reckoned at 4%.

*Computations for determining the Assessment for 1936. (See Section 26 of Chapter 92, General Laws.)*

(The proportion to be paid by each city and town is based as follows: One-third in proportion to their respective valuation for the preceding year, and the remaining two-thirds in proportion to the consumption by the cities and towns, respectively, in the preceding year. The last column shows the total ratio to be paid by each city and town of the whole assessment. To find each city's and town's assessment, multiply the total assessment by the average ratio.)

CITIES AND TOWNS	Valuation 1935	Average Daily Consumption (Gallons), 1935	RATIO OF TOTALS		Average Ratios Double Weight to Consumption
			Valuation	Consumption	
Arlington . . .	\$59,665,350	\$2,218,000	.021869	.016318	.018168
Belmont . . .	49,354,465	1,373,200	.018090	.010103	.012765
Boston . . .	1,652,316,700	87,868,000	.605615	.646439	.632831
Brookline . . .	160,795,500	4,792,200	.058935	.035256	.043149
Chelsea . . .	46,773,650	3,329,300	.017144	.024494	.022044
Everett . . .	75,016,850	4,428,900	.027495	.032583	.030887
Lexington . . .	21,612,867	703,000	.007922	.005172	.006089
Malden . . .	70,247,825	3,923,300	.025747	.028863	.027824
Medford . . .	80,823,250	3,598,200	.029624	.026472	.027523
Melrose . . .	36,862,400	1,567,800	.013511	.011534	.012193
Milton . . .	37,789,150	891,300	.013851	.006557	.008988
Nahant . . .	5,864,604	258,500	.002150	.001902	.001985
Newton <sup>1</sup> . . .	32,896,650	-	.012057	-	.004019
Quincy . . .	124,559,150	5,054,600	.045654	.037186	.040009
Revere . . .	40,989,800	2,264,100	.015024	.016657	.016113
Somerville . . .	117,221,800	8,695,500	.042965	.063972	.056970
Stoneham . . .	14,436,650	711,900	.005291	.005237	.005255
Swampscott . . .	23,381,874	893,200	.008570	.006571	.007237
Watertown . . .	53,069,510	2,160,200	.019451	.015892	.017078
Winthrop . . .	24,649,650	1,195,100	.009035	.008792	.008873
	\$2,728,327,695	\$135,926,300	1.000000	1.000000	1.000000

<sup>1</sup> In accordance with the provisions of the act above referred to, but one-fifth of the total valuation and no consumption has been taken, for at present this city has a sufficient supply, and has not made application for water.



*Comparison of Total Assessments, 1935 and 1936, with Revenue from Water Rates in 1935.*

CITIES AND TOWNS	WATER ASSESSMENTS		Water Revenue received by Cities and Towns, 1935
	1935	1936	
Arlington . . . . .	\$94,008 43	\$90,224 44	\$160,448 57 <sup>1</sup>
Belmont . . . . .	66,974 15	63,392 51	140,879 28 <sup>2</sup>
Boston . . . . .	3,306,430 94	3,142,714 27	4,420,725 75 <sup>1</sup>
Brookline . . . . .	224,580 06	214,283 08	270,579 90 <sup>1</sup>
Chelsea . . . . .	117,592 86	109,473 15	161,871 83
Everett . . . . .	161,871 16	153,358 53	185,000 12 <sup>1</sup>
Lexington . . . . .	30,363 93	30,238 71	76,106 37 <sup>1</sup>
Malden . . . . .	145,432 11	138,177 30	190,546 53 <sup>1</sup>
Medford . . . . .	135,380 50	136,682 51	221,674 11 <sup>1</sup>
Melrose . . . . .	66,001 92	60,551 89	95,082 98 <sup>1</sup>
Milton . . . . .	47,419 76	44,035 47	141,672 35 <sup>1</sup>
Nahant . . . . .	10,542 96	9,557 75	14,719 34 <sup>1</sup>
Newton . . . . .	20,620 70	19,958 85	— <sup>4</sup>
Quincy . . . . .	205,877 68	198,689 47	434,704 30 <sup>1</sup>
Revere . . . . .	82,592 54	80,019 08	123,415 11 <sup>1</sup>
Somerville . . . . .	304,857 03	282,919 82	455,962 99 <sup>1</sup>
Stoneham . . . . .	31,884 98	26,096 96	51,079 84 <sup>1</sup>
Swampscott . . . . .	38,850 83	35,939 80	66,951 25 <sup>1</sup>
Watertown . . . . .	90,966 30	84,811 40	184,731 22 <sup>1</sup>
Winthrop . . . . .	45,297 58	44,064 37	94,553 45 <sup>1</sup>
	\$5,227,046 42	\$4,966,119 36	\$7,500,194 79

<sup>1</sup> No money received from hydrant rentals, street watering or municipal departments.

<sup>2</sup> No money received from hydrant rentals or street watering.

<sup>3</sup> No money received from street watering or municipal departments.

<sup>4</sup> Not taking regular supply from District.

<sup>5</sup> No money received from street watering.

*Net Water Debt of the Cities of the Original Metropolitan Water District.*

CITIES	Jan. 1, 1935	Jan. 1, 1936	Increase
Boston . . . . .	\$838,000 00	\$1,012,000 00	\$174,000 00
Chelsea . . . . .	50,000 00	40,000 00	10,000 00 <sup>1</sup>
Everett . . . . .	88,000 00	101,000 00	15,000 00
Malden . . . . .	39,000 00	63,000 00	24,000 00
Medford . . . . .	402,000 00	395,000 00	7,000 00 <sup>1</sup>
Melrose . . . . .	14,000 00	4,000 00	10,000 00 <sup>1</sup>
Somerville . . . . .	—	—	—
	\$1,429,000 00	\$1,615,000 00	\$186,000 00

<sup>1</sup> Decrease.



## STATEMENT II.

## METROPOLITAN PARKS DISTRICT.

Gross Parks Debt, April 1, 1936:

Bonds outstanding (sinking fund) . . . .	\$6,060,000 00	
Bonds outstanding (serial) . . . .	35,000 00	
	<hr/>	\$6,095,000 00

a decrease for the year of \$2,002,000 00.

Sinking Fund, April 1, 1936 . . . .		5,045,598 82
		<hr/>

a decrease for the year of \$1,711,992 00.

Net Parks Debt, April 1, 1936 . . . .		<u>\$1,049,401 18</u>
---------------------------------------	--	-----------------------

a decrease for the year of \$290,008 00.

## BOULEVARDS.

Gross Parks, Series Two (Boulevards) Debt, April 1, 1936:

Bonds outstanding (sinking fund) (one-half) . .	\$2,017,500 00	
Bonds outstanding (serial) (one-half) . . . .	669,000 00	
Bonds outstanding (serial) 78.75 per cent (Chapter 300, General Acts of 1915 and Chapter 220, General Acts of 1917) . . . .	27,562 50	
Bonds outstanding (serial) 75 per cent (Chapter 238, General Acts of 1919 and Chapter 380, Acts of 1922) . . . .	115,500 00	
	<hr/>	\$2,829,562 50

a decrease for the year of \$384,437 50

Sinking Fund, April 1, 1936 (one-half) . . . .		1,621,026 89
		<hr/>

a decrease for the year of \$220,222 80

Net Parks, Series Two (Boulevards) Debt, April 1, 1936 . .		<u>\$1,208,535 61</u>
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a decrease for the year of \$164,214 70.

## METROPOLITAN PARKS LOAN.

Total Parks assessment for 1936 is made up as follows:

Parks sinking fund . . . . .	\$38,960 58
Parks, Series Two, sinking fund . . . . .	14,471 00
Nantasket sinking fund . . . . .	4,629 54
Parks serial bonds . . . . .	2,000 00
Parks, Series Two, serial bonds . . . . .	70,562 50

Parks Interest:

Six months on . . . . .	\$7,360,000 00	\$125,675 00
Six months on . . . . .	5,360,000 00	90,675 00
Six months on . . . . .	37,000 00	700 00
Six months on . . . . .	35,000 00	662 50

Interest on advances and tempo-

rary loans, estimated, 1936

5,000 00

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\$222,712 50

Less adjustment of interest charges

in 1935 . . . . . 7,870 75

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\$214,841 75



## Parks, Series Two, Interest:

Six months	\$2,317,500 00	\$39,493 75
Six months on	2,017,500 00	34,243 75
Six months on	785,500 00	15,772 50
Six months on	714,937 50	14,355 00
Interest on advances and temporary loans, estimated, 1936		3,000 00

---

\$106,865 00

Less adjustment of interest charges

in 1935 . . . . . 2,939 12

---

\$103,925 88

## Nantasket Interest:

One year on \$700,000 00

21,000 00

Parks Maintenance as appropriated by Legislature \$1,251,565 00

Less balance on hand . . . . . 212,628 23

---

1,038,936 77

Parks, Series Two, Maintenance . . . . . \$51,875 00

Less balance on hand . . . . . 964 19

---

50,910 81

Nantasket Maintenance . . . . . \$95,630 00

Less balance on hand . . . . . 1,374 27

---

94,255 73

Wellington Bridge Maintenance (one-quarter) . . . . . \$3,175 50

Less balance on hand . . . . . 81 35

---

3,094 15

Metropolitan Planning Division . . . . .

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18,874 73

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Total Parks Assessment for 1936 . . . . . <sup>1</sup>\$1,676,463 44

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<sup>1</sup> Exclusive of special assessments listed at bottom of page 12.

**METROPOLITAN PARKS, INCLUDING BOULEVARDS, WELLINGTON BRIDGE AND  
NANTASKET AND METROPOLITAN PLANNING DIVISION.**

*Total Assessments and Grand Total.*

CITIES AND TOWNS	Total Sinking Fund	Total Serial Bonds	Total Interest	Total Maintenance	Metro- politan Planning Division	Grand Totals
Arlington . . . . .	\$952 86	\$1,191 11	\$5,576 32	\$21,143 73	\$339 99	\$29,204 01
Belmont . . . . .	781 57	976 98	4,573 84	15,550 72	246 32	22,129 43
Boston . . . . .	28,247 60	35,310 58	165,310 31	540,949 77	8,519 22	778,337 48
Braintree . . . . .	436 93	546 17	2,556 99	9,550 15	153 26	13,243 50
Brookline . . . . .	2,518 41	3,148 12	14,738 30	42,259 01	651 08	63,314 92
Cambridge . . . . .	2,983 33	3,729 28	17,459 02	65,514 49	1,052 04	90,738 16
Canton . . . . .	139 20	174 01	814 63	3,320 10	53 87	4,501 81
Chelsea . . . . .	771 99	965 01	4,517 79	20,155 86	330 42	26,741 07
Cohasset . . . . .	12 88	—	58 42	262 22	—	333 52
Dedham . . . . .	401 06	501 34	2,347 05	8,674 31	139 01	12,062 77
Dover . . . . .	80 11	100 14	468 80	1,266 02	19 29	1,934 36
Everett . . . . .	1,152 66	1,440 87	6,745 61	25,737 26	414 19	35,490 59
Hingham . . . . .	244 37	305 49	1,430 17	4,747 64	74 93	6,802 60
Hull . . . . .	284 15	355 19	1,662 87	3,959 67	58 78	6,320 66
Lynn . . . . .	2,214 31	2,767 97	12,958 55	52,134 86	844 59	70,920 28
Malden . . . . .	1,125 39	1,480 77	6,585 96	28,080 18	458 02	37,656 32
Medford . . . . .	1,267 43	1,584 33	7,417 22	30,815 24	501 12	41,585 34
Melrose . . . . .	598 53	748 19	3,502 73	13,294 02	213 79	18,557 26
Milton . . . . .	588 55	735 71	3,444 31	11,564 75	182 84	16,516 16
Nahant . . . . .	94 91	118 64	555 42	1,553 08	23 82	2,345 87
Needham . . . . .	393 74	492 20	2,304 24	7,654 10	120 82	10,965 10
Newton . . . . .	2,539 32	3,174 25	14,860 57	46,682 05	730 47	67,986 66
Quincy . . . . .	1,988 03	2,485 12	11,634 36	43,188 31	692 53	59,988 35
Revere . . . . .	577 23	721 56	3,378 09	15,973 24	263 45	20,913 57
Saugus . . . . .	238 52	298 16	1,395 86	6,727 40	111 17	8,771 11
Somerville . . . . .	1,856 09	2,320 19	10,862 21	47,980 07	785 70	63,804 26
Stoneham . . . . .	230 69	288 37	1,350 00	5,517 91	89 56	7,476 53
Swampscott . . . . .	413 89	517 37	2,422 12	7,528 83	117 61	10,999 82
Wakefield . . . . .	337 83	422 31	1,977 09	8,243 96	134 12	11,115 31
Waltham . . . . .	906 54	1,133 20	5,305 24	21,144 14	342 14	28,831 26
Watertown . . . . .	853 72	1,067 17	4,996 11	19,286 85	310 85	26,514 70
Wellesley . . . . .	614 97	768 73	3,598 86	10,606 60	164 21	15,753 37
Weston . . . . .	160 21	200 27	937 58	2,859 29	44 53	4,201 88
Westwood . . . . .	81 50	101 88	476 97	1,607 32	25 42	2,293 09
Weymouth . . . . .	753 99	942 52	4,412 48	14,418 69	227 03	20,754 71
Winchester . . . . .	498 69	623 38	2,918 45	9,268 14	145 28	13,453 94
Winthrop . . . . .	388 70	485 88	2,274 71	8,962 82	144 83	12,250 94
Woburn . . . . .	331 22	414 04	1,938 38	9,014 66	148 43	11,846 73
	\$58,061 12	\$72,562 50	\$339,767 63	\$1,187,197 46	\$18,874 73 <sup>1</sup>	\$1,676,463 44

Special assessment for Neponset Bridge . . . . .	\$14,051 46
Special assessment for Wellington Bridge . . . . .	6,188 31
Special assessment on account of construction of ways in Malden, Braintree, Weymouth and Hingham . . . . .	308 50
Special assessment on account of construction of West Roxbury-Brookline Parkway . . . . .	1,606 10
Special assessment on account of construction of Ocean Avenue, Revere . . . . .	181,940 64
Special assessment on account of land-taking on State Highway, Revere . . . . .	8,026 30
Special assessment on account of land-taking on the Alewife Brook Parkway Extension . . . . .	4,558 09
Special assessment on account of reconstruction of Mystic River Bridge, Arlington and Medford . . . . .	18,750 00
Special assessment on account of construction of Bathhouse, Watertown . . . . .	32,500 00
Special assessment on account of construction of Sea Wall, Roughan's Point . . . . .	42,500 00
Special assessment on account of alterations to bridge at Beach Street, Revere . . . . .	7,805 49
	<u>\$1,994,698 33</u>

<sup>1</sup> Chapter 399, Acts of 1923.

METROPOLITAN PARKS (EXCEPTING NANTASKET) AND BOULEVARDS AND CHARLES RIVER BASIN.

*Proportion of Sinking Fund, Serial Bonds, Interest and Maintenance (excepting Parks Maintenance) Requirements as determined by Metropolitan District Commission.*

CITIES AND TOWNS	Valuation (Chapter 3, Acts of 1935)	Per Cent.
Arlington . . . . .	\$62,778,463	.016415
Belmont . . . . .	51,493,324	.013464
Boston . . . . .	1,861,089,890	.486623
Braintree . . . . .	28,785,745	.007527
Brookline . . . . .	165,924,500	.043385
Cambridge . . . . .	196,554,808	.051394
Canton . . . . .	9,173,244	.002398
Chelsea . . . . .	50,860,851	.013299
Dedham . . . . .	26,424,812	.006909
Dover . . . . .	5,276,539	.001380
Everett . . . . .	75,943,336	.019857
Hingham . . . . .	16,099,731	.004210
Hull . . . . .	18,720,207	.004895
Lynn . . . . .	145,888,476	.038146
Malden . . . . .	74,147,773	.019387
Medford . . . . .	83,506,372	.021834
Melrose . . . . .	39,434,535	.010311
Milton . . . . .	38,777,417	.010139
Nahant . . . . .	6,252,371	.001635
Needham . . . . .	25,942,164	.006783
Newton . . . . .	167,301,170	.043745
Quincy . . . . .	130,982,970	.034248
Revere . . . . .	38,032,446	.009944
Saugus . . . . .	15,713,854	.004109
Somerville . . . . .	122,288,229	.031975
Stoneham . . . . .	15,198,900	.003974
Swampscott . . . . .	27,268,571	.007130
Wakefield . . . . .	22,257,445	.005820
Waltham . . . . .	59,728,360	.015617
Watertown . . . . .	56,246,222	.014707
Wellesley . . . . .	40,516,841	.010594
Weston . . . . .	10,554,209	.002760
Westwood . . . . .	5,371,615	.001404
Weymouth . . . . .	49,677,156	.012989
Winchester . . . . .	32,855,092	.008591
Winthrop . . . . .	25,611,026	.006696
Woburn . . . . .	21,821,641	.005706
	<hr/> \$3,824,500,305	<hr/> 1.000000

## METROPOLITAN PARKS (EXCEPTING NANTASKET).

*Proportion of Maintenance Requirements as determined by Metropolitan District Commission.*

CITIES AND TOWNS	Valuation (Chapter 3, Acts of 1935)	Per Cent.	Popu- lation State Census, 1935	Per Cent.	Average Per Cent.
Arlington . . . .	\$62,778,463	.016415	38,539	.019610	.018013
Belmont . . . .	51,493,324	.013464	24,831	.012635	.013050
Boston . . . .	1,861,089,890	.486623	817,713	.416089	.451356
Braintree . . . .	28,785,745	.007527	17,122	.008712	.008120
Brookline . . . .	165,924,500	.043385	50,319	.025605	.034495
Cambridge . . . .	196,554,808	.051394	118,075	.060082	.055738
Canton . . . .	9,173,244	.002398	6,505	.003310	.002854
Chelsea . . . .	50,860,851	.013299	42,673	.021714	.017506
Dedham . . . .	26,424,812	.006909	15,371	.007821	.007365
Dover . . . .	5,276,539	.001380	1,305	.000664	.001022
Everett . . . .	75,943,336	.019857	47,228	.024032	.021944
Hingham . . . .	16,099,731	.004210	7,330	.003730	.003970
Hull . . . .	18,720,207	.004895	2,619	.001333	.003114
Lynn . . . .	145,888,476	.038146	100,909	.051347	.044747
Malden . . . .	74,147,773	.019387	57,277	.029145	.024266
Medford . . . .	83,506,372	.021834	61,444	.031266	.026550
Melrose . . . .	39,434,535	.010311	24,256	.012343	.011327
Milton . . . .	38,777,417	.010139	18,147	.009234	.009687
Nahant . . . .	6,252,371	.001635	1,748	.000889	.001262
Needham . . . .	25,942,164	.006783	11,828	.006019	.006401
Newton . . . .	167,301,170	.043745	66,144	.033657	.038701
Quincy . . . .	130,982,970	.034248	76,909	.039135	.036691
Revere . . . .	38,032,446	.009944	35,319	.017972	.013958
Saugus . . . .	15,713,854	.004109	15,076	.007671	.005890
Somerville . . . .	122,288,229	.031975	100,773	.051278	.041627
Stoneham . . . .	15,198,900	.003974	10,841	.005516	.004745
Swampscott . . . .	27,268,571	.007130	10,480	.005333	.006231
Wakefield . . . .	22,257,445	.005820	16,494	.008393	.007106
Waltham . . . .	59,728,360	.015617	40,557	.020637	.018127
Watertown . . . .	56,246,222	.014707	35,827	.018230	.016469
Wellesley . . . .	40,516,841	.010594	13,376	.006806	.008700
Weston . . . .	10,554,209	.002760	3,848	.001958	.002359
Westwood . . . .	5,371,615	.001404	2,537	.001291	.001347
Weymouth . . . .	49,677,156	.012989	21,748	.011066	.012028
Winchester . . . .	32,855,092	.008591	13,371	.006804	.007697
Winthrop . . . .	25,611,026	.006696	17,001	.008651	.007673
Woburn . . . .	21,821,641	.005706	19,695	.010022	.007864
	\$3,824,500,305	1.000000	1,965,235	1.000000	1.000000

## METROPOLITAN PARKS — NANTASKET.

*Proportion of Sinking Fund, Interest and Maintenance Requirements as determined by Metropolitan District Commission.*

CITIES AND TOWNS	Valuation (Chapter 3, Acts of 1935)	Per Cent.
Arlington . . . . .	\$62,778,463	.016369
Belmont . . . . .	51,493,324	.013426
Boston . . . . .	1,861,089,890	.485269
Braintree . . . . .	28,785,745	.007506
Brookline . . . . .	165,924,500	.043264
Cambridge . . . . .	196,554,808	.051251
Canton . . . . .	9,173,244	.002392
Chelsea . . . . .	50,860,851	.013262
Cohasset . . . . .	10,670,224	.002782
Dedham . . . . .	26,424,812	.006890
Dover . . . . .	5,276,539	.001376
Everett . . . . .	75,943,336	.019802
Hingham . . . . .	16,099,731	.004198
Hull . . . . .	18,720,207	.004881
Lynn . . . . .	145,888,476	.038040
Malden . . . . .	74,147,773	.019334
Medford . . . . .	83,506,372	.021774
Melrose . . . . .	39,434,535	.010282
Milton . . . . .	38,777,417	.010111
Nahant . . . . .	6,252,371	.001630
Needham . . . . .	25,942,164	.006764
Newton . . . . .	167,301,170	.043623
Quincy . . . . .	130,982,970	.034153
Revere . . . . .	38,032,446	.009917
Saugus . . . . .	15,713,854	.004097
Somerville . . . . .	122,288,229	.031886
Stoneham . . . . .	15,198,900	.003963
Swampscott . . . . .	27,268,571	.007110
Wakefield . . . . .	22,257,445	.005803
Waltham . . . . .	59,728,360	.015574
Watertown . . . . .	56,246,222	.014666
Wellesley . . . . .	40,516,841	.010564
Weston . . . . .	10,554,209	.002752
Westwood . . . . .	5,371,615	.001401
Weymouth . . . . .	49,677,156	.012953
Winchester . . . . .	32,855,092	.008567
Winthrop . . . . .	25,611,026	.006678
Woburn . . . . .	21,821,641	.005690
	<b>\$3,835,170,529</b>	<b>1.000000</b>



## METROPOLITAN PARKS LOAN.

*Sinking Fund.*

BONDS ISSUED	Due Dates	Sinking Fund Dec. 1, 1935	Amount of Dec. 1, 1935 Sinking Fund at Ma- turity of Loan*	Balance to be provided for	Sinking Fund Requirements for 1936
\$2,000,000	Jan., 1936	\$2,000,000 00	\$2,000,000 00	-	-
1,400,000	Jan., 1937	1,338,204 44	1,388,857 57	\$11,142 43	\$11,142 43
1,000,000	July, 1938	898,761 12	986,239 48	13,760 52	6,752 46
505,000	July, 1939	434,426 40	494,754 28	10,245 72	3,289 17
650,000	Jan., 1941	533,350 56	642,227 61	7,772 39	1,441 17
125,000	Jan., 1943	89,931 60	116,643 09	8,356 91	1,064 99
340,000	July, 1943	242,531 68	320,466 62	19,533 38	2,489 29
300,000	Jan., 1944	204,146 83	274,804 97	25,195 03	2,755 36
370,000	Jan., 1945	237,547 47	331,869 70	38,130 30	3,634 88
300,000	Jan., 1946	184,641 88	267,721 13	32,278 87	2,715 44
300,000	Jan., 1947	172,946 36	260,255 01	39,744 99	2,980 03
70,000	Jan., 1949	36,148 62	58,593 56	11,406 44	695 36
\$7,360,000	-	\$6,372,636 96	\$7,142,433 02	\$217,566 98	\$38,960 58

## NANTASKET.

\$600,000	July, 1939	\$516,453 36	\$588,172 15	\$11,827 85	\$3,797 08
100,000	Jan., 1941	79,318 55	95,510 47	4,489 53	832 46
\$700,000	-	\$595,771 91	\$683,682 62	\$16,317 38	\$4,629 54

\* Accumulations reckoned at 3¼%.

## METROPOLITAN PARKS LOAN, SERIES TWO.

*Sinking Fund.*

BONDS ISSUED	Due Dates	Sinking Fund Dec. 1, 1935	Amount of Dec. 1, 1935 Sinking Fund at Ma- turity of Loan*	Balance to be provided for	Sinking Fund Requirements for 1936
\$300,000	Jan., 1936	\$300,000 00	\$300,000 00	-	-
500,000	Jan., 1937	479,097 02	497,231 59	\$2,768 41	\$2,768 00
50,000	July, 1938	45,144 13	49,538 11	461 89	227 00
250,000	July, 1939	216,621 29	246,703 03	3,296 97	1,058 00
225,000	Jan., 1940	186,784 21	216,711 09	8,288 91	1,958 00
162,500	July, 1940	134,351 09	158,835 20	3,664 80	866 00
55,000	Jan., 1943	39,925 42	51,784 07	3,215 93	410 00
150,000	July, 1943	105,998 75	140,060 30	9,939 70	1,267 00
150,000	Jan., 1944	102,883 04	138,492 33	11,507 67	1,258 00
150,000	Jan., 1945	96,902 47	135,379 23	14,620 77	1,394 00
150,000	Jan., 1946	90,628 28	131,406 29	18,593 71	1,564 00
150,000	Jan., 1947	86,919 06	130,798 48	19,201 52	1,440 00
25,000	Jan., 1949	12,781 98	20,718 40	4,281 60	261 00
\$2,317,500	-	\$1,898,066 74	\$2,217,658 12	\$99,841 88	\$14,471 00

\* Accumulations reckoned at 3¼%.

## METROPOLITAN PARKS LOAN, INCLUDING BOULEVARDS AND NANTASKET.

*Sinking Fund Requirements.*

CITIES AND TOWNS	Parks	Boulevards	Nantasket	Total
Arlington . . . . .	\$639 54	\$237 54	\$75 78	\$952 86
Belmont . . . . .	524 57	194 84	62 16	781 57
Boston . . . . .	18,959 11	7,041 92	2,246 57	28,247 60
Braintree . . . . .	293 26	108 92	34 75	436 93
Brookline . . . . .	1,690 30	627 82	200 29	2,518 41
Cambridge . . . . .	2,002 34	743 72	237 27	2,983 33
Canton . . . . .	93 43	34 70	11 07	139 20
Chelsea . . . . .	518 14	192 45	61 40	771 99
Cohasset . . . . .	—	—	12 88	12 88
Dedham . . . . .	269 18	99 98	31 90	401 06
Dover . . . . .	53 77	19 97	6 37	80 11
Everett . . . . .	773 64	287 35	91 67	1,152 66
Hingham . . . . .	164 02	60 92	19 43	244 37
Hull . . . . .	190 71	70 84	22 60	284 15
Lynn . . . . .	1,486 19	552 01	176 11	2,214 31
Malden . . . . .	755 33	280 55	89 51	1,125 39
Medford . . . . .	850 67	315 96	100 80	1,267 43
Melrose . . . . .	401 72	149 21	47 60	598 53
Milton . . . . .	395 02	146 72	46 81	588 55
Nahant . . . . .	63 70	23 66	7 55	94 91
Needham . . . . .	264 27	98 16	31 31	393 74
Newton . . . . .	1,704 33	633 04	201 95	2,539 32
Quincy . . . . .	1,334 32	495 60	158 11	1,988 03
Revere . . . . .	387 42	143 90	45 91	577 23
Saugus . . . . .	160 09	59 46	18 97	238 52
Somerville . . . . .	1,245 76	462 71	147 62	1,856 09
Stoneham . . . . .	154 83	57 51	18 35	230 69
Swampscott . . . . .	277 79	103 18	32 92	413 89
Wakefield . . . . .	226 75	84 22	26 86	337 83
Waltham . . . . .	608 45	225 99	72 10	906 54
Watertown . . . . .	572 99	212 83	67 90	853 72
Wellesley . . . . .	412 75	153 31	48 91	614 97
Weston . . . . .	107 53	39 94	12 74	160 21
Westwood . . . . .	54 70	20 32	6 48	81 50
Weymouth . . . . .	506 06	187 96	59 97	753 99
Winchester . . . . .	334 71	124 32	39 66	498 69
Winthrop . . . . .	260 88	96 90	30 92	388 70
Woburn . . . . .	222 31	82 57	26 34	331 22
	\$33,960 58	\$14,471 00	\$4,629 54	\$53,061 12

## METROPOLITAN PARKS LOAN.

*Serial Bond Requirements.*

CITIES AND TOWNS	Parks	Boulevards	Total
Arlington . . . . .	\$32 83	\$1,158 28	\$1,191 11
Belmont . . . . .	26 93	950 05	976 98
Boston . . . . .	973 24	34,337 34	35,310 58
Braintree . . . . .	15 05	531 12	546 17
Brookline . . . . .	86 77	3,061 35	3,148 12
Cambridge . . . . .	102 79	3,626 49	3,729 28
Canton . . . . .	4 80	169 21	174 01
Chelsea . . . . .	26 60	938 41	965 01
Dedham . . . . .	13 82	487 52	501 34
Dover . . . . .	2 76	97 38	100 14
Everett . . . . .	39 71	1,401 16	1,440 87
Hingham . . . . .	8 42	297 07	305 49
Hull . . . . .	9 79	345 40	355 19
Lynn . . . . .	76 29	2,691 68	2,767 97
Malden . . . . .	38 77	1,368 00	1,406 77
Medford . . . . .	43 67	1,540 66	1,584 33
Melrose . . . . .	20 62	727 57	748 19
Milton . . . . .	20 28	715 43	735 71
Nahant . . . . .	3 27	115 37	118 64
Needham . . . . .	13 57	478 63	492 20
Newton . . . . .	87 49	3,086 76	3,174 25
Quincy . . . . .	68 50	2,416 62	2,485 12
Revere . . . . .	19 89	701 67	721 56
Saugus . . . . .	8 22	289 94	298 16
Somerville . . . . .	63 95	2,256 24	2,320 19
Stoneham . . . . .	7 95	280 42	288 37
Swampscott . . . . .	14 26	503 11	517 37
Wakefield . . . . .	11 64	410 67	422 31
Waltham . . . . .	31 23	1,101 97	1,133 20
Watertown . . . . .	29 41	1,037 76	1,067 17
Wellesley . . . . .	21 19	747 54	768 73
Weston . . . . .	5 52	194 75	200 27
Westwood . . . . .	2 81	99 07	101 88
Weymouth . . . . .	25 98	916 54	942 52
Winchester . . . . .	17 18	606 20	623 38
Winthrop . . . . .	13 39	472 49	485 88
Woburn . . . . .	11 41	402 63	414 04
	\$2,000 00	\$70,562 50	\$72,562 50

## METROPOLITAN PARKS LOAN, INCLUDING BOULEVARDS AND NANTASKET.

*Interest Requirements.*

CITIES AND TOWNS	Parks	Boulevards	Nantasket	Total
Arlington . . . . .	\$3,526 63	\$1,705 94	\$343 75	\$5,576 32
Belmont . . . . .	2,892 63	1,399 26	281 95	4,573 84
Boston . . . . .	104,546 94	50,572 72	10,190 65	165,310 31
Braintree . . . . .	1,617 11	782 25	157 63	2,556 99
Brookline . . . . .	9,320 91	4,508 83	908 56	14,738 30
Cambridge . . . . .	11,041 58	5,341 17	1,076 27	17,459 02
Canton . . . . .	515 19	249 21	50 23	814 63
Chelsea . . . . .	2,857 18	1,382 11	278 50	4,517 79
Cohasset . . . . .	—	—	58 42	58 42
Dedham . . . . .	1,484 34	718 02	144 69	2,347 05
Dover . . . . .	296 48	143 42	28 90	468 80
Everett . . . . .	4,266 11	2,063 66	415 84	6,745 61
Hingham . . . . .	904 48	437 53	88 16	1,430 17
Hull . . . . .	1,051 65	508 72	102 50	1,662 87
Lynn . . . . .	8,195 35	3,964 36	798 84	12,958 55
Malden . . . . .	4,165 14	2,014 81	406 01	6,585 96
Medford . . . . .	4,690 85	2,269 12	457 25	7,417 22
Melrose . . . . .	2,215 23	1,071 58	215 92	3,502 73
Milton . . . . .	2,178 28	1,053 70	212 33	3,444 31
Nahant . . . . .	351 27	169 92	34 23	555 42
Needham . . . . .	1,457 27	704 93	142 04	2,304 24
Newton . . . . .	9,398 25	4,546 24	916 08	14,860 57
Quincy . . . . .	7,357 90	3,559 25	717 21	11,634 36
Revere . . . . .	2,136 39	1,033 44	208 26	3,378 09
Saugus . . . . .	882 79	427 03	86 04	1,395 86
Somerville . . . . .	6,869 57	3,323 03	669 61	10,862 21
Stoneham . . . . .	853 78	413 00	83 22	1,350 00
Swampscott . . . . .	1,531 82	740 99	149 31	2,422 12
Wakefield . . . . .	1,250 38	604 85	121 86	1,977 09
Waltham . . . . .	3,355 18	1,623 01	327 05	5,305 24
Watertown . . . . .	3,159 68	1,528 44	307 99	4,996 11
Wellesley . . . . .	2,276 03	1,100 99	221 84	3,598 86
Weston . . . . .	592 96	286 83	57 79	937 58
Westwood . . . . .	301 64	145 91	29 42	476 97
Weymouth . . . . .	2,790 58	1,349 89	272 01	4,412 48
Winchester . . . . .	1,845 71	892 83	179 91	2,918 45
Winthrop . . . . .	1,438 58	695 89	140 24	2,274 71
Woburn . . . . .	1,225 89	593 00	119 49	1,938 38
	\$214,841 75	\$103,925 88	\$21,000 00	\$339,767 63

# METROPOLITAN PARKS LOAN, INCLUDING BOULEVARDS, WELLINGTON BRIDGE AND NANTASKET.

## Maintenance Requirements.

CITIES AND TOWNS	Parks	Boulevards	Nantasket	Wellington Bridge	Total
Arlington . . . . .	\$18,714 37	\$835 70	\$1,542 87	\$50 79	\$21,143 73
Belmont . . . . .	13,558 12	685 46	1,265 48	41 66	15,550 72
Boston . . . . .	468,930 34	24,774 37	45,739 38	1,505 68	540,949 77
Braintree . . . . .	8,436 17	383 21	707 48	23 29	9,550 15
Brookline . . . . .	35,838 12	2,208 77	4,077 88	134 24	42,259 01
Cambridge . . . . .	57,908 26	2,616 51	4,830 70	159 02	65,514 49
Canton . . . . .	2,965 13	122 09	225 46	7 42	3,320 10
Chelsea . . . . .	18,187 63	677 06	1,250 02	41 15	20,155 86
Cohasset . . . . .	—	—	262 22	—	262 22
Dedham . . . . .	7,651 77	351 74	649 42	21 38	8,674 31
Dover . . . . .	1,061 79	70 26	129 70	4 27	1,266 02
Everett . . . . .	22,798 43	1,010 94	1,866 45	61 44	25,737 26
Hingham . . . . .	4,124 58	214 34	395 69	13 03	4,747 64
Hull . . . . .	3,235 25	249 21	460 06	15 15	3,959 67
Lynn . . . . .	46,489 30	1,942 04	3,585 49	118 03	52,134 86
Malden . . . . .	25,210 84	987 01	1,822 34	59 99	28,080 18
Medford . . . . .	27,583 77	1,111 59	2,052 32	67 56	30,815 24
Melrose . . . . .	11,768 04	524 94	969 14	31 90	13,294 02
Milton . . . . .	10,064 18	516 18	953 02	31 37	11,564 75
Nahant . . . . .	1,311 14	83 24	153 64	5 06	1,553 08
Needham . . . . .	6,650 23	345 33	637 55	20 99	7,654 10
Newton . . . . .	40,207 89	2,227 09	4,111 72	135 35	46,682 05
Quincy . . . . .	38,119 63	1,743 59	3,219 12	105 97	43,188 31
Revere . . . . .	14,501 48	506 26	934 73	30 77	15,973 24
Saugus . . . . .	6,119 34	209 19	386 16	12 71	6,727 40
Somerville . . . . .	43,247 82	1,627 87	3,005 44	98 94	47,980 07
Stoneham . . . . .	4,929 75	202 32	373 54	12 30	5,517 91
Swampscott . . . . .	6,473 62	362 99	670 16	22 06	7,528 83
Wakefield . . . . .	7,382 68	296 30	546 97	18 01	8,243 96
Waltham . . . . .	18,832 81	795 07	1,467 94	48 32	21,144 14
Watertown . . . . .	17,110 25	748 75	1,382 35	45 50	19,286 85
Wellesley . . . . .	9,038 75	539 35	995 72	32 78	10,606 60
Weston . . . . .	2,450 85	140 51	259 39	8 54	2,859 29
Westwood . . . . .	1,399 45	71 48	132 05	4 34	1,607 32
Weymouth . . . . .	12,496 33	661 28	1,220 89	40 19	14,418 69
Winchester . . . . .	7,996 70	437 37	807 49	26 58	9,268 14
Winthrop . . . . .	7,971 76	340 90	629 44	20 72	8,962 82
Woburn . . . . .	8,170 20	290 50	536 31	17 65	9,014 66
	\$1,038,936 77	\$50,910 81	\$94,255 73	\$3,094 15	\$1,187,197 46

## NEPONSET BRIDGE.

### Special Assessment.

(Chapter 300, General Acts of 1915 and Chapter 220, General Acts of 1917.)

Bonds issued 57½ per cent. . . . .	\$57,500 00	
Previously assessed . . . . .	37,375 00	
Outstanding . . . . .	\$20,125 00	
Serial bonds due Jan. 1, 1937 . . . . .		\$2,875 00
Interest:		
One year on \$20,125 00	\$805 00	
Six months on 2,875 00	57 50	862 50
		<u>\$3,737 50</u>

### Assessment.

	Per Cent	Serial Bonds	Interest	Total
City of Boston . . . . .	20	\$1,000 00	\$300 00	\$1,300 00
City of Quincy . . . . .	15	750 00	225 00	975 00
County of Norfolk . . . . .	5	250 00	75 00	325 00
County of Plymouth . . . . .	2½	125 00	37 50	162 50
Bay State Street Railway Company . . . . .	15	750 00	225 00	975 00
	57½	\$2,875 00	\$862 50	\$3,737 50



NEPONSET BRIDGE.

Special Assessment.

(Chapter 238, General Acts of 1919 and Chapter 380, Acts of 1922.)

Bonds issued, 50 per cent.	.	.	.	.	\$225,000 00	
Previously assessed	.	.	.	.	148,000 00	
Outstanding	.	.	.	.	\$77,000 00	
Serial bonds due Jan. 1, 1937	.	.	.	.		\$11,000 00
Interest:						
One year on	\$77,000 00	\$3,080 00				
Six months on	11,000 00	220 00				
						3,300 00
						\$14,300 00

Assessment.

	Per Cent	Serial Bonds	Interest	Total
City of Boston	23 <sup>9</sup> / <sub>17</sub>	\$5,176 47	\$1,552 93	\$6,729 40
City of Quincy	17 <sup>11</sup> / <sub>17</sub>	3,882 35	1,164 71	5,047 06
County of Norfolk	5 <sup>18</sup> / <sub>17</sub>	1,294 12	388 24	1,682 36
County of Plymouth	2 <sup>18</sup> / <sub>17</sub>	647 06	194 12	841 18
	50	\$11,000 00	\$3,300 00	\$14,300 00

WELLINGTON BRIDGE.

Special Assessment. Maintenance.

(Chapter 295, General Acts of 1916.)

	Per Cent	Assessment
Malden	15.2941	\$1,892 89
Medford	18.8235	2,329 71
Somerville	12.9412	1,601 69
Stoneham	2.9412	364 02
	50.0000	\$6,188 31

## SPECIAL ASSESSMENTS — METROPOLITAN DISTRICTS.

CITIES AND TOWNS	Land Taking State Highway Revere	West Roxbury Brookline Parkway	Reconstruction Ocean Avenue Revere	Ways in Malden, Braintree, Weymouth, Hingham
Arlington . . . . .	\$131 75	\$26 36	\$2,503 29	\$2 53
Belmont . . . . .	108 07	21 63	2,053 26	2 08
Boston . . . . .	3,905 78	781 57	74,210 00	75 06
Braintree . . . . .	60 42	12 09	1,147 87	1 16
Brookline . . . . .	348 22	69 68	6,616 21	6 69
Cambridge . . . . .	412 50	82 54	7,837 58	7 93
Canton . . . . .	19 25	3 85	365 70	37
Chelsea . . . . .	106 74	21 36	2,028 10	2 05
Dedham . . . . .	55 45	11 10	1,053 62	1 07
Dover . . . . .	11 08	2 22	210 45	22
Everett . . . . .	159 38	31 89	3,028 19	3 06
Hingham . . . . .	33 79	6 76	642 03	65
Hull . . . . .	39 29	7 86	746 49	76
Lynn . . . . .	306 17	61 27	5,817 26	5 88
Malden . . . . .	155 61	31 14	2,956 52	2 99
Medford . . . . .	175 25	35 07	3,329 68	3 37
Melrose . . . . .	82 76	16 56	1,572 43	1 59
Milton . . . . .	81 38	16 28	1,546 20	1 56
Nahant . . . . .	13 12	2 63	249 34	25
Needham . . . . .	54 44	10 89	1,034 41	1 05
Newton . . . . .	351 11	70 26	6,671 11	6 75
Quincy . . . . .	274 88	55 01	5,222 82	5 28
Revere . . . . .	79 81	15 97	1,516 46	1 53
Saugus . . . . .	32 98	6 60	626 62	63
Somerville . . . . .	256 64	51 36	4,876 19	4 93
Stoneham . . . . .	31 90	6 38	606 04	61
Swampscott . . . . .	57 23	11 45	1,087 33	1 10
Wakefield . . . . .	46 71	9 35	887 55	90
Waltham . . . . .	125 35	25 08	2,381 59	2 41
Watertown . . . . .	118 04	23 62	2,242 82	2 27
Wellesley . . . . .	85 03	17 02	1,615 58	1 63
Weston . . . . .	22 15	4 43	420 90	43
Westwood . . . . .	11 27	2 25	214 11	22
Weymouth . . . . .	104 25	20 86	1,980 82	2 00
Winchester . . . . .	68 95	13 80	1,310 13	1 33
Winthrop . . . . .	53 75	10 75	1,021 14	1 03
Woburn . . . . .	45 80	9 16	870 16	88
	\$8,026 30 <sup>1</sup>	\$1,606 10 <sup>2</sup>	\$152,500 00 <sup>3</sup>	\$154 25 <sup>4</sup>

<sup>1</sup> Section 6, Chapter 445, Acts of 1931 and Chapter 258, Acts of 1932.<sup>2</sup> Section 4, Chapter 420, Acts of 1930 and Chapter 454, Acts of 1931, Metropolitan Parks District 50%.<sup>3</sup> Chapter 375, Acts of 1934 and Chapter 487, Acts of 1935.<sup>4</sup> Chapter 364, Acts of 1929, Metropolitan Parks District 25%.*Special Assessment on Account of Land-Takings on the Alewife Brook  
Parkway Extension.*

(Section 5, Chapter 302, Acts of 1932.)

CITIES AND TOWNS	Cost	Per Cent. of Town	Share of Town
Arlington . . . . .	\$8,064 97	40%	\$3,225 99
Belmont . . . . .	12,189 95	8%	975 20
Lexington . . . . .	1,551 72	23%	356 90
Lincoln . . . . .	1,795 00	13%	233 35
	\$23,601 64		\$4,791 44

*Special Assessment on Account of Construction of Ways in Malden,  
Braintree, Weymouth and Hingham.*

(Chapter 364, Acts of 1929.)

City of Malden . . . . .	\$117 75
Town of Braintree . . . . .	25
Town of Hingham . . . . .	7 50
Town of Weymouth . . . . .	28 75
	\$154 25

*Special Assessment on Account of Reconstruction of Ocean Avenue, Revere.*

(Section 6 of Chapter 375, Acts of 1934, and Chapter 487, Acts of 1935.)

City of Revere, 25% of expenditure . . . . .	\$29,440 64
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## STATEMENT III.

## METROPOLITAN SEWERAGE DISTRICT.

*Debt, North System.*

Gross Sewerage, North System, Debt, April 1, 1936:

Bonds outstanding (sinking fund) . . . . .	\$768,000 00
Bonds outstanding (serial) . . . . .	2,119,000 00

an increase for the year of \$1,620,500.00.	\$2,887,000 00
Sinking Fund, April 1, 1936 . . . . .	395,398 46

an increase for the year of \$30,272.96.

Net Sewerage, North System, Debt April 1, 1936 . . . . .	\$2,491,601 54
an increase for the year of \$1,590,227.04.	

*Assessment, North System.*

Sinking Fund . . . . .		\$17,159 94
Serial Bonds . . . . .	\$110,000 00	
Less premium . . . . .	10,708 50	99,291 50

## Interest:

One year on . . . . .	\$1,227,000	\$44,490 00
Seven months, 23 days on . . . . .	1,650,000	24,028 12
Four months on . . . . .	14,000	186 68
Interest on advances and temporary loans, estimated, 1936 . . . . .		3,000 00

\$71,704 80

Less adjustment of interest charges in 1935 . . . . .	3,485 93	68,218 87
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Maintenance as appropriated by Legislature . . . . .	\$397,091 67	
Less balance on hand . . . . .	23,689 25	373,402 42

Total North Metropolitan Sewerage Assessment . . . . .		\$558,072 73
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## NORTH METROPOLITAN SEWERAGE DISTRICT.

*Everett and Malden, Special Assessments (Chap. 512, Acts of 1911).*

Bonds issued . . . . .	\$62,000 00
Previously assessed . . . . .	52,000 00

\$10,000 00

Outstanding . . . . .	
Assessment for 1936 is made up as follows:	
Serial bonds due January 1, 1937 . . . . .	\$2,000 00

## Interest:

One year on . . . . .	\$10,000 00	\$350 00
Four months on . . . . .	2,000 00	23 33

373 33

\$2,373 33

Everett and Malden one-half each.

## METROPOLITAN SEWERAGE DISTRICT.

*Debt, South System.*

Gross Sewerage, South System, Debt, April 1, 1936:

Bonds outstanding (sinking fund) . . . . .	\$7,173,912 00	
Bonds outstanding (serial) . . . . .	2,839,000 00	
	<hr/>	\$10,012,912 00

a decrease for the year of \$308,000.00

Sinking Fund, April 1, 1936 . . . . .	5,444,175 62	
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an increase for the year of \$375,329.43.

Net Sewerage, South System, Debt, April 1, 1936 . . . . .	\$4,568,736 38	
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a decrease for the year of \$683,329.43.

*Assessment, South System.*

Sinking Fund . . . . .	\$197,582 19	
Serial Bonds . . . . .	181,000 00	
Interest:		

One year on \$10,012,912 00 \$354,912 36

Six months on 65,000 00 975 00

Interest on advances and temporary loans, estimated, 1936 3,000 00

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\$358,887 36

Less adjustment of interest charges in 1935 . 3,022 85

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355,864 51

Maintenance as appropriated by Legislature . \$292,449 67

Less balance on hand . . . . . 26,292 38

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266,157 29

Total South Metropolitan Sewerage Assessment . . . . .	<u>\$1,000,603 99</u>	
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## METROPOLITAN SEWERAGE LOAN.

*North System — Assessment.*

CITIES AND TOWNS	Sinking Fund	Serial Bonds	Interest	Maintenance	Total
Arlington . . .	\$1,026 16	\$5,937 63	\$4,079 49	\$19,342 25	\$30,385 53
Belmont . . .	840 84	4,865 28	3,342 73	12,471 64	21,520 49
Boston . . .	1,585 58	9,174 54	6,303 42	47,198 07	64,261 61
Cambridge . . .	3,212 34	18,587 37	12,770 57	59,333 64	93,903 92
Chelsea . . .	830 54	4,805 71	3,301 79	21,433 30	30,371 34
Everett . . .	1,240 66	7,178 78	4,932 23	23,711 05	37,062 72
Lexington . . .	379 23	2,194 34	1,507 64	5,414 34	9,495 55
Malden . . .	1,211 49	7,009 98	4,816 25	28,789 33	41,827 05
Medford . . .	1,364 22	7,893 68	5,423 40	30,880 38	45,561 68
Melrose . . .	645 21	3,733 36	2,565 03	12,172 92	19,116 52
Reading . . .	279 71	1,618 45	1,111 97	5,376 99	8,387 12
Revere . . .	621 19	3,594 35	2,469 52	17,736 61	24,421 67
Somerville . . .	1,997 42	11,557 53	7,940 68	50,633 37	72,129 00
Stoneham . . .	248 82	1,439 73	989 17	5,451 68	8,129 40
Wakefield . . .	363 79	2,104 98	1,446 24	8,289 53	12,204 54
Winchester . . .	537 11	3,107 82	2,135 25	6,721 24	12,501 42
Winthrop . . .	418 70	2,422 71	1,664 54	8,550 92	13,056 87
Woburn . . .	356 93	2,065 26	1,418 95	8,895 16	13,736 30
	\$17,159 94	\$99,291 50	\$68,218 87	\$373,402 42	\$558,072 73 <sup>1</sup>

<sup>1</sup> Exclusive of special assessments on Everett and Malden on page 24 . . . . .	2,373 33
	\$560,446 06

## METROPOLITAN SEWERAGE LOAN—NORTH SYSTEM.

*Sinking Fund.*

BONDS ISSUED AND AMOUNTS ALREADY PROVIDED FOR	Due Dates	Sinking Fund Dec. 1, 1935	Amount of Dec. 1, 1935 Sinking Fund at Maturity of Loan*	Balance	Portion of Balance to be provided for this year	Sinking Fund re- quirements for 1936
\$250,000 (184,375)	July, 1943 Sunk	\$161,330 61	\$213,172 46	\$221,202 54	\$8,295 10	\$6,515 42
50,000 (36,875)	Jan., 1943 Sunk	32,833 74	42,586 02	44,288 98	1,660 84	1,328 97
55,000 (40,563)	July, 1943 Sunk	38,314 12	50,625 95	44,937 05	1,685 14	1,323 60
300,000 (157,500)	Jan., 1949 Sunk	115,935 35	187,920 45	269,579 55	8,985 98	5,753 64
113,000 (59,325)	Jan., 1949 Sunk	41,613 46	67,451 56	104,873 44	3,495 78	2,238 31
\$768,000 (478,638)	Sunk	\$390,027 28	\$561,756 44	\$684,881 56	\$24,122 84	\$17,159 94

\* Accumulations reckoned at 3¾%.

## METROPOLITAN SEWERAGE LOAN, NORTH SYSTEM.

*Amounts provided for and to be provided for.*

Bonds Issued	Due Dates	Amounts provided for	Amounts to be provided for	1936
\$300,000	1943	1/8 + 1/6 + 1/3 + 9/80	21/80	3/80
55,000	1943	1/8 + 1/6 + 1/3 + 9/80	21/80	3/80
300,000	1949	1/8 + 1/6 + 7/30	3/30 + 3/8	1/30
113,000	1949	1/8 + 1/6 + 7/30	3/30 + 3/8	1/30



## NORTH METROPOLITAN SYSTEM.

*Ratios of Contributions on the Basis of the Valuations of 1934 and the Census Returns of 1935. Assessment made by the Metropolitan District Commission.*

CITIES AND TOWNS	State Valuation, Acts of 1935, Chapter 3	Proportion for Interest, Sinking Fund and Serial Bonds (Per Cent.)	Population, State Census, 1935	Proportion for Main- tenance and Operation (Per Cent.)
Arlington . . . . .	\$62,778,463	5.98	38,539	5.18
Belmont . . . . .	51,493,324	4.90	24,831	3.34
Boston:				
Charlestown and East Boston . . . . .	96,997,000	9.24	93,915	12.64
Cambridge . . . . .	196,554,808	18.72	118,075	15.89
Chelsea . . . . .	50,860,851	4.84	42,673	5.74
Everett . . . . .	75,943,336	7.23	47,228	6.35
Lexington . . . . .	23,247,085	2.21	10,813	1.45
Malden . . . . .	74,147,773	7.06	57,277	7.71
Medford . . . . .	83,506,372	7.95	61,444	8.27
Melrose . . . . .	39,434,535	3.76	24,256	3.26
Reading . . . . .	17,125,038	1.63	10,703	1.44
Revere . . . . .	38,032,446	3.62	35,819	4.75
Somerville . . . . .	122,288,229	11.64	100,773	13.56
Stoneham . . . . .	15,198,900	1.45	10,841	1.46
Wakefield . . . . .	22,257,445	2.12	16,494	2.22
Winchester . . . . .	32,855,092	3.13	13,371	1.80
Winthrop . . . . .	25,611,026	2.44	17,001	2.29
Woburn . . . . .	21,821,641	2.08	19,695	2.65
	\$1,050,153,364	100.00	743,248	100.00

## METROPOLITAN SEWERAGE LOAN.

*South System — Assessment.*

CITIES AND TOWNS	Sinking Fund	Serial Bonds	Interest	Maintenance	Total
Boston . . . . .	\$71,821 13	\$65,793 50	\$129,356 75	\$117,002 74	\$383,974 12
Braintree . . . . .	4,248 02	3,891 50	7,651 09	6,307 93	22,098 54
Brookline . . . . .	24,500 19	22,444 00	44,127 20	18,524 55	109,595 94
Canton . . . . .	1,383 08	1,267 00	2,491 05	2,395 42	7,536 55
Dedham . . . . .	3,892 37	3,565 70	7,010 53	5,642 53	20,111 13
Milton . . . . .	5,729 88	5,249 00	10,320 07	6,680 55	27,979 50
Needham . . . . .	3,833 09	3,511 40	6,903 77	4,364 98	18,613 24
Newton . . . . .	24,697 77	22,625 00	44,483 06	24,326 78	116,132 61
Norwood . . . . .	4,010 92	3,674 30	7,224 05	5,722 38	20,631 65
Quincy . . . . .	19,343 30	17,719 90	34,839 14	28,292 52	100,194 86
Stoughton . . . . .	1,422 59	1,303 20	2,562 22	3,114 04	8,402 05
Walpole . . . . .	2,272 20	2,081 50	4,092 44	2,741 42	11,187 56
Waltham . . . . .	8,812 16	8,072 60	15,871 56	14,931 42	47,687 74
Watertown . . . . .	8,298 45	7,602 00	14,946 31	13,174 79	44,021 55
Wellesley . . . . .	5,986 74	5,484 30	10,782 70	4,923 91	27,177 65
Weymouth . . . . .	7,330 30	6,715 10	13,202 57	8,011 33	35,259 30
	\$197,582 19	\$181,000 00	\$355,864 51	\$266,157 29	\$1,000,603 99

Canton is also assessed \$7,859.16, Norwood \$22,112.63, Stoughton \$7,790.33, and Walpole \$12,237.88 under section 5 of Chapter 384 of the Acts of 1928. (Eighth assessment.)

Weymouth is also assessed under Chapter 419 of the Acts of 1930. (Sixth assessment.)

50,000 00

18,243 43

\$1,068,847 42

METROPOLITAN SEWERAGE LOAN — SOUTH SYSTEM  
*Sinking Fund*

BONDS ISSUED AND AMOUNTS ALREADY PROVIDED FOR	Due Dates	Sinking Fund Dec. 1, 1935	Amount of Dec. 1, 1935 Sinking Fund at Maturity of Loan*	Balance	Proportion of Balance to be provided for this year	Sinking Fund re- quirements for 1936
\$65,000 (65,000)	Mar., 1936 Sunk	\$65,000 00	\$65,000 00	—	—	—
1,024,912 (909,610)	July, 1939 Sunk	921,898 91	1,049,921 07	\$884,600 93	\$33,172 53	\$30,230 16
3,586,000 (3,048,100)	July, 1940 Sunk	2,963,730 18	3,503,057 41	3,131,042 59	117,414 10	103,097 21
996,000 (734,550)	Jan., 1943 Sunk	647,440 23	839,742 98	890,807 02	33,405 26	26,730 27
392,000 (274,400)	July, 1944 Sunk	227,634 21	312,167 08	354,232 92	13,283 73	10,053 23
175,000 1(109,375)	Jan., 1946 Sunk	95,935 75	139,101 85	145,273 15	5,447 74	3,899 41
1,000,000 (625,000)	Jan., 1946 Sunk	515,070 80	746,825 88	878,174 12	32,931 53	23,571 91
\$7,238,912 (\$5,766,035)	Sunk	\$5,436,710 08	\$6,655,816 27	\$6,284,130 73	\$235,654 89	\$197,582 19

\* Accumulations reckoned at 3¾%.

METROPOLITAN SEWERAGE LOAN, SOUTH SYSTEM.  
*Amounts provided for and to be provided for.*

BONDS ISSUED	Due Dates	Amount provided for	Amounts to be provided for	1936
\$65,000	1936	1/8+1/6+1/3+3/8	—	—
1,024,912	1939	1/8+1/6+1/3+21/80	9/80	3/80
3,586,000	1940	1/8+1/6+1/3+18/80	12/80	3/80
996,000	1943	1/8+1/6+1/3+9/80	21/80	3/80
392,000	1944	1/8+1/6+1/3+6/80	24/80	3/80
175,000	1946	1/8+1/6+1/3	30/80	3/80
1,000,000	1946	1/8+1/6+1/3	30/80	3/80

SOUTH METROPOLITAN SYSTEM.

*Ratios of Contributions on the Basis of Valuation of 1934 and the Census Returns of 1935. Assessment made by the Metropolitan District Commission.*

CITIES AND TOWNS	State Valuation, Acts of 1935, Chapter 3	Proportion for Interest, Sinking Fund and Serial Bonds (Per Cent.)	Population, State Census 1935	Proportion for Main- tenance and Operation (Per Cent.)
Boston	\$486,340,056	36 35	317,973	43.96
All of Brighton, Hyde Park and parts of Back Bay, Rox- bury, West Roxbury and Dor- chester.				
Braintree . . . . .	28,785,745	2.15	17,122	2.37
Brookline . . . . .	165,924,500	12.40	50,319	6.96
Canton . . . . .	9,173,244	.70	6,505	.90
Dedham . . . . .	26,424,812	1.97	15,371	2.12
Milton . . . . .	38,777,417	2.90	18,147	2.51
Needham . . . . .	25,942,164	1.94	11,828	1.64
Newton . . . . .	167,301,170	12.50	66,144	9.14
Norwood . . . . .	27,145,060	2.03	15,574	2.15
Quincy . . . . .	130,982,970	9.79	76,909	10.63
Stoughton . . . . .	9,584,997	.72	8,478	1.17
Walpole . . . . .	15,459,028	1.15	7,449	1.03
Waltham . . . . .	59,728,360	4.46	40,557 <sup>1</sup>	5.61
Watertown . . . . .	56,246,222	4.20	35,827	4.95
Wellesley . . . . .	40,516,841	3.03	13,376	1.85
Weymouth . . . . .	49,677,156	3.71	21,748	3.01
	\$1,338,009,742	100.00	723,327	100.00

<sup>1</sup> Including 2,190 inmates and attendants added in compliance with Chapter 372, Acts of 1928, in relation to disposal of sewage of the Metropolitan State Hospital and Chapter 373, Acts of 1929, in relation to disposal of Sewage of the Middlesex County Tuberculosis Hospital.

## METROPOLITAN PARKS AND SEWERAGE LOANS.

*Comparison of Assessments 1935 and 1936.*

CITIES AND TOWNS	PARKS		SEWER	
	1935	1936	1935	1936
Arlington . . . . .	\$48,669 29	\$43,140 53	\$23,471 32	\$30,385 53
Belmont . . . . .	25,912 91	25,289 67	15,251 50	21,520 49
Boston . . . . .	909,687 22	865,339 29	479,255 30	448,235 73
Braintree . . . . .	14,704 36	14,465 29	23,096 91	22,098 54
Brookline . . . . .	73,893 04	70,355 72	117,933 78	109,595 94
Cambridge . . . . .	106,302 01	99,078 71	73,766 21	93,903 92
Canton . . . . .	4,921 91	4,890 98	15,634 81	15,395 71
Chelsea . . . . .	31,367 01	28,899 32	27,386 00	30,371 34
Cohasset . . . . .	332 17	333 52	—	—
Dedham . . . . .	13,753 69	13,184 01	21,444 26	20,111 13
Dover . . . . .	2,205 11	2,158 33	—	—
Everett . . . . .	40,959 81	38,713 11	32,020 07	38,249 39
Hingham . . . . .	7,608 18	7,493 33	—	—
Hull . . . . .	7,184 64	7,115 06	—	—
Lexington . . . . .	9,659 76	356 90	6,711 47	9,495 55
Lynn . . . . .	81,126 05	77,110 86	—	—
Malden . . . . .	45,912 72	42,813 22	36,739 69	43,013 71
Medford . . . . .	50,343 39	58,161 82	37,108 05	45,561 68
Melrose . . . . .	20,691 11	20,030 60	15,004 92	19,116 52
Milton . . . . .	18,502 91	18,161 58	29,473 90	27,979 50
Nahant . . . . .	2,681 74	2,611 21	—	—
Needham . . . . .	24,185 40	12,065 89	19,659 32	18,613 24
Newton . . . . .	78,171 03	75,085 89	125,069 91	116,132 61
Norwood . . . . .	—	—	44,019 25	42,744 28
Quincy . . . . .	73,512 02	71,568 40	105,377 83	100,194 86
Reading . . . . .	—	—	6,356 57	8,387 12
Revere . . . . .	24,592 56	102,273 47	21,199 60	24,421 67
Saugus . . . . .	9,834 36	9,437 94	—	—
Somerville . . . . .	75,875 96	70,595 07	62,715 46	72,129 00
Stoneham . . . . .	8,838 58	8,485 48	6,348 92	8,129 40
Stoughton . . . . .	—	—	16,578 86	16,192 38
Swampscott . . . . .	12,607 77	12,156 93	—	—
Wakefield . . . . .	12,583 31	12,059 82	10,088 67	12,204 54
Walpole . . . . .	—	—	24,184 99	23,425 44
Waltham . . . . .	32,555 69	31,365 69	50,844 15	47,687 74
Watertown . . . . .	30,063 80	61,401 45	46,627 29	44,021 55
Wellesley . . . . .	17,652 32	17,472 63	28,753 69	27,177 65
Weston . . . . .	4,701 67	4,649 79	—	—
Westwood . . . . .	4,710 03	2,520 94	—	—
Weymouth . . . . .	23,604 61	22,891 39	55,911 22	53,502 73
Winchester . . . . .	15,323 39	14,848 15	9,144 93	12,501 42
Winthrop . . . . .	13,967 13	13,343 61	10,663 72	13,056 87
Woburn . . . . .	13,378 00	12,772 73	11,651 59	13,736 30
	\$1,992,576 66	\$1,994,698 33	\$1,609,494 16	\$1,629,293 48

## STATEMENT IV.

## CHARLES RIVER BASIN LOAN.

Gross Charles River Basin debt, April 1, 1936:

Bonds outstanding (sinking fund) . . . . .	\$4,125,000 00	
Bonds outstanding (serial) . . . . .	133,000 00	
	<hr/>	\$4,258,000 00

a decrease for the year of \$10,000.

Sinking fund, April 1, 1936 . . . . . 2,710,332 01

an increase for the year of \$101,995.46.

Net Charles River Basin debt, April 1, 1936 . . . . . \$1,547,667 99

a decrease for the year of \$111,995.46.

*Total Charles River Basin Assessment for 1936 — District.*

Serial Bonds . . . . . \$10,000 00

Interest:

One year on \$4,125,000 00 . . \$142,250 00

Six months on 143,000 00 . . 2,590 00

Six months on 133,000 00 . . 2,410 00

Interest on advances and tem-

porary loans estimated,

1936 . . . . . 4,000 00

---

\$151,250 00

Less adjustment of interest

charges in 1935 . . . \$5,158 20

Interest on bridge . . . 41,381 82

---

46,540 02

---

104,709 98

Maintenance as appropriated by

Legislature . . . . . \$255,626 00

Less balance on hand . . . . . 11,346 44

---

244,279 56Total Charles River Basin assessment . . . . . \$358,989 54*Charles River Bridge.*

Sinking fund . . . . . \$9,740 46

Interest . . . . . 41,381 82

---

\$51,122 28

Boston and Cambridge. one-half each.

## CHARLES RIVER BASIN LOAN SINKING FUND.

*District.*

BONDS ISSUED	Due Dates	Sinking Fund Dec. 1, 1935	Amount of Dec. 1, 1935 Sinking Fund at Ma- turity of Loan*	Balance to be provided for	Sinking Fund Requirements for 1936
\$177,272 73	Jan., 1944	\$135,330 31	\$182,170 07	—	—
283,636 36	Jan., 1945	208,631 48	291,472 12	—	—
425,454 55	Jan., 1946	301,533 71	437,208 20	—	—
815,454 55	Jan., 1947	556,861 50	837,982 34	—	—
283,636 36	Jan., 1948	186,626 82	291,472 09	—	—
602,727 28	Jan., 1949	382,118 25	619,378 23	—	—
336,818 17	Jan., 1950	205,748 75	346,123 12	—	—
\$2,925,000 00	—	\$1,976,850 82	\$3,005,806 17	—	—

*Boston and Cambridge, Charles River Bridge.*

\$72,727 27	Jan., 1944	\$52,078 04	\$70,103 00	\$2,624 27	\$286 99
116,363 64	Jan., 1945	81,093 56	113,293 12	3,070 52	292 71
174,545 45	Jan., 1946	111,221 24	161,265 02	13,280 43	1,117 22
334,545 45	Jan., 1947	197,336 49	296,958 03	37,587 42	2,818 26
116,363 64	Jan., 1948	64,109 21	100,125 19	16,238 45	1,094 09
247,272 72	Jan., 1949	126,711 65	205,387 83	41,884 89	2,553 37
138,181 83	Jan., 1950	65,234 95	109,742 22	28,439 61	1,577 82
\$1,200,000 00	—	\$697,785 14	\$1,056,874 41	\$143,125 59	\$9,740 46

\* Accumulations reckoned at 3¾%.

*Analysis of Charles River Basin Debt, June 30, 1936*

DEBT	Total	Cambridge, Charles River Bridge	Boston Charles River Bridge	District
Gross Debt . . . .	\$4,258,000 00	\$600,000 00	\$600,000 00	\$3,058,000 00
Sinking Fund . . . .	2,717,469 18	354,479 94	354,479 94	2,008,509 30
Net Debt	\$1,540,530 82	\$245,520 06	\$245,520 06	\$1,049,490 70



## CHARLES RIVER BASIN LOAN — ASSESSMENT.

(For Table of percentages see page 13.)

CITIES AND TOWNS	Serial Bonds	Interest	Maintenance	Total
Arlington . . . . .	\$164 15	\$1,718 82	\$4,009 85	\$5,892 82
Belmont . . . . .	134 64	1,409 82	3,288 98	4,833 44
Boston . . . . .	4,866 23	50,954 28	118,872 05	174,692 56
Braintree . . . . .	75 27	788 15	1,838 69	2,702 11
Brookline . . . . .	433 85	4,542 84	10,598 07	15,574 76
Cambridge . . . . .	513 94	5,381 46	12,554 50	18,449 90
Canton . . . . .	23 98	251 09	585 78	860 85
Chelsea . . . . .	132 99	1,392 54	3,243 67	4,774 20
Dedham . . . . .	69 09	723 44	1,687 73	2,480 26
Dover . . . . .	13 80	144 50	337 11	495 41
Everett . . . . .	198 57	2,079 23	4,850 66	7,128 46
Hingham . . . . .	42 10	440 83	1,028 42	1,511 35
Hull . . . . .	48 95	512 56	1,195 75	1,757 26
Lynn . . . . .	381 46	3,994 26	9,318 29	13,694 01
Malden . . . . .	193 87	2,030 01	4,735 85	6,959 73
Medford . . . . .	218 34	2,286 24	5,333 60	7,838 18
Melrose . . . . .	103 11	1,079 66	2,518 76	3,701 53
Milton . . . . .	101 39	1,061 65	2,476 75	3,639 79
Nahant . . . . .	16 35	171 20	399 40	586 95
Needham . . . . .	67 83	710 25	1,656 95	2,435 03
Newton . . . . .	437 45	4,580 54	10,686 01	15,704 00
Quincy . . . . .	342 48	3,586 11	8,366 09	12,294 68
Revere . . . . .	99 44	1,041 24	2,429 11	3,569 79
Saugus . . . . .	41 09	430 25	1,003 74	1,475 08
Somerville . . . . .	319 75	3,348 10	7,810 84	11,478 69
Stoneham . . . . .	39 74	416 12	970 77	1,426 63
Swampscott . . . . .	71 30	746 58	1,741 71	2,559 59
Wakefield . . . . .	58 20	609 41	1,421 71	2,089 32
Waltham . . . . .	156 17	1,635 26	3,814 91	5,606 34
Watertown . . . . .	147 07	1,539 97	3,592 62	5,279 66
Wellesley . . . . .	105 94	1,109 30	2,587 90	3,803 14
Weston . . . . .	27 60	289 00	674 21	990 81
Westwood . . . . .	14 04	147 01	342 97	504 02
Weymouth . . . . .	129 89	1,360 08	3,172 95	4,662 92
Winchester . . . . .	85 91	899 56	2,098 60	3,084 07
Winthrop . . . . .	66 96	701 14	1,635 70	2,403 80
Woburn . . . . .	57 06	597 48	1,393 86	2,048 40
	<u>\$10,000 00</u>	<u>\$104,709 98</u>	<u>\$244,279 56</u>	<u>\$358,989 54</u>

Special assessment on Boston and Cambridge included on page 29 . . . . . 51,122 28

\$410,111 82

## STATEMENTS OF THE DEBTS OF THE METROPOLITAN DISTRICT, JUNE 30, 1936

	Metropolitan Parks	Metropolitan Parks, Nantasket	Metropolitan Parks, Boulevards
Bonds outstanding (Sinking Fund)	\$5,360,000 00	\$700,000 00	\$2,017,500 00
Bonds outstanding (Serial)	35,000 00	—	812,062 50
Gross Debt	\$5,395,000 00	\$700,000 00	\$2,829,562 50
Sinking Funds, June 30, 1936	4,452,264 35	606,621 15	1,625,295 58
Net Debt	\$942,735 65	\$93,378 85	\$1,204,266 92 1,107,141 92 <sup>2</sup>
	For percentages see page 13	For percentages see page 15	For percentages see page 13
1 Arlington	\$15,475 00	\$1,528 52	\$18,173 73
2 Belmont	12,692 99	1,253 71	14,906 56
3 Boston	458,756 85	45,313 86	581,996 01
4 Braintree	7,095 97	700 90	8,333 46
5 Brookline	40,900 59	4,039 94	48,033 35
6 Cambridge	48,450 96	4,785 76	56,900 45
7 Canton	2,260 68	223 36	2,654 92
8 Chelsea	12,537 44	1,238 39	14,723 88
9 Cohasset	—	259 78	—
10 Dedham	6,513 36	643 38	7,649 24
11 Dover	1,300 98	128 49	1,527 85
12 Everett	18,719 90	1,849 09	21,984 52
13 Hingham	3,968 92	392 01	4,661 07
14 Hull	4,614 69	455 78	5,419 46
15 Lexington	—	—	—
16 Lynn	35,961 60	3,552 13	42,233 04
17 Malden	18,276 82	1,805 39	21,464 16
18 Medford	20,583 69	2,033 23	24,173 34
19 Melrose	9,720 55	960 12	11,415 74
20 Milton	9,558 40	944 15	11,225 31
21 Nahant	1,541 37	152 21	1,810 18
22 Needham	6,394 58	631 61	7,509 74
23 Newton	41,239 97	4,073 47	48,431 92
24 Norwood	—	—	—
25 Quincy	32,286 81	3,189 17	70,343 87
26 Reading	—	—	—
27 Revere	9,374 56	926 04	11,009 42
28 Saugus	3,873 70	382 57	4,549 25
29 Somerville	30,143 97	2,977 48	35,400 86
30 Stoneham	3,746 43	370 06	4,399 78
31 Stoughton	—	—	—
32 Swampscott	6,721 71	663 92	7,893 92
33 Wakefield	5,486 72	541 88	6,443 57
34 Walpole	—	—	—
35 Waltham	14,722 70	1,454 28	17,290 24
36 Watertown	13,864 81	1,369 49	16,282 74
37 Wellesley	9,987 34	986 45	11,729 06
38 Weston	2,601 95	256 98	3,055 71
39 Westwood	1,323 60	130 82	1,554 43
40 Weymouth	12,245 19	1,209 54	14,380 67
41 Winchester	8,099 04	799 98	9,511 46
42 Winthrop	6,312 56	623 58	7,413 42
43 Woburn	5,379 25	531 33	6,317 35
	\$942,735 65	\$93,378 85	\$1,182,803 68 <sup>3</sup>

<sup>1</sup> See page 30 for details.<sup>2</sup> District proportions.<sup>3</sup> Exclusive of \$21,463,24, share of counties of Norfolk and Plymouth and the Bay State Street Railway Company.

Metropolitan Sewerage, North System	Metropolitan Sewerage, South System	Metropolitan Water	Charles River Basin		
\$768,000 00 2,119,000 00	\$7,173,912 00 2,839,000 00	\$28,398,000 00 31,612,000 00	\$4,125,000 00 133,000 00		
2,887,000 00 396,619 99	10,012,912 00 5,458,511 88	60,010,000 00 22,797,005 26	4,258,000 00 2,717,469 18		
\$2,490,380 01 2,480,380 01 :	\$4,554,400 12	\$37,212,994 74	\$1,540,530 82 1 1,049,490 70 :		
For percentages see page 26	For percentages see page 27	For percentages see page 7	For percentages see page 13	Total	
\$148,326 73	-	\$676,085 69	\$17,227 38	\$876,817 05	1
121,538 62	-	475,023 88	14,130 34	639,546 10	2
229,187 11	\$1,655,524 44	23,549,536 65	756,226 37	27,276,541 29	3
-	97,919 60	-	7,899 52	121,949 45	4
-	564,745 62	1,605,703 51	45,532 15	2,308,955 16	5
464,327 14	-	-	299,457 59	873,921 90	6
120,050 39	31,880 80	-	2,516 68	39,536 44	7
-	-	820,323 26	13,957 18	982,830 54	8
-	89,721 68	-	-	259 78	9
-	-	-	7,250 92	111,778 58	10
184,331 47	-	1,149,397 77	1,448 30	4,405 62	11
-	-	-	20,839 74	1,397,122 49	12
-	-	-	4,418 36	13,440 36	13
54,816 40	-	226,589 93	5,137 26	15,627 19	14
-	-	-	-	281,406 33	15
180,114 83	-	1,035,414 36	40,033 87	121,780 64	16
197,190 21	-	1,024,213 25	20,346 47	1,277,422 03	17
93,262 29	-	453,738 05	22,914 58	1,291,108 30	18
-	132,077 60	334,470 40	10,821 30	579,918 05	19
-	-	73,867 80	10,640 79	498,916 65	20
-	88,355 36	-	1,715 92	79,087 48	21
-	569,300 02	149,559 03	7,118 70	110,009 99	22
-	92,454 32	-	45,909 97	858,514 38	23
-	445,875 77	1,488,854 71	-	92,454 32	24
40,430 20	-	-	35,942 96	2,076,493 29	25
89,789 76	-	599,612 99	-	40,430 20	26
-	-	-	10,436 14	721,148 91	27
288,716 23	-	2,120,024 31	4,312 36	13,117 88	28
35,965 51	-	195,554 29	33,557 47	2,510,820 32	29
-	32,791 68	-	4,170 68	244,206 75	30
-	-	269,310 44	-	32,791 68	31
52,584 06	-	-	7,482 87	292,072 86	32
-	52,375 60	-	6,108 04	71,164 27	33
-	203,126 25	-	-	52,375 60	34
-	191,284 81	-	16,389 90	252,983 37	35
-	137,998 32	635,523 52	15,434 86	238,236 71	36
-	-	-	11,118 30	807,342 99	37
-	-	-	2,896 59	8,811 23	38
-	-	-	1,473 48	4,482 33	39
-	168,968 25	-	13,631 83	210,435 48	40
77,635 89	-	-	9,016 17	105,062 54	41
60,521 27	-	330,190 90	7,027 39	412,089 12	42
51,591 90	-	-	5,988 39	69,808 22	43
\$2,490,380 01	\$4,554,400 12	\$37,212,994 74	\$1,540,530 82	\$48,017,223 87	

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